

19981028.qrp v01_n258.qrs.981028

Date: Wed, 28 Oct 1998 19:03:13 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1258

QRP-L Digest 1258

Topics covered in this issue include:

- 1) [23319] k8cv fox log
by Walt Amos <waltk8cv@ameritech.net>
- 2) [23320] SUPER CMOS III KEYER
by w2bj@juno.com (Barry J Minsky)
- 3) [23321] Re: ZOMBIE SHUFFLE - anyone joining on Novice/Tech+ 40M band?
by John <kemkerj@xyzyzy.net>
- 4) [23322] Re: SUPER CMOS III KEYER
by Grant Taylor <k7gt@qsl.net>
- 5) [23323] Help finding CRT
by K4NK@aol.com
- 6) [23324] QRP @ Jones Lake State Park....Knightlites
by KF4EIB@aol.com
- 7) [23325] Elmer200 & ARRL Handbook
by "Jim Fielden" <fielden@utkux.utcc.utk.edu>
- 8) [23326] FOX: N2T0
by Tom Palmer <n1tp@worldnet.att.net>
- 9) [23327] WTB: NorCal 20 Kit Please!
by n5zgt@swcp.com (Brian Mileschosky)
- 10) [23328] Re: WTB: NorCal 20 Kit Please!
by Kory Hamzeh <kory@avatar.com>
- 11) [23329] Ultra-light Antenna
by dave_epps@juno.com
- 12) [23330] Rainbow Antler 7 Point
by dave_epps@juno.com
- 13) [23331] Re: N2T0
by "John J. McDonough" <jjmcd@tm.net>
- 14) [23332] Elmer200: Class attendance
by Chuck Adams <adams@ticnet.com>
- 15) [23333] Heathkit HWA-7-1 pwr supply rebuild
by "GREGORY HEATH" <KB2QQM@email.msn.com>
- 16) [23334] RG174 Coax
by PGHDTS@aol.com
- 17) [23335] ARRL QRP article re. Tokyo HyPower Rig
by Dennis Terribile <wr4i@mindspring.com>
- 18) [23336] FOX: N2T0
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [23337] FOX HUNT REPORT - hit DELETE

by Tim Pettibone <tpettibo@NMSU.Edu>
20) [23338] Fox: Toughest Yet
by "Marshall Emm" <mgemm@mtechnologies.com>
21) [23339] Re: FOX: N2T0
by Macstein@aol.com
22) [23340] KC 1
by "C. Lamar Derk" <n3at@epix.net>
23) [23341] Fox on the wall!
by Shepherd@aol.com
24) [23342] Re: ZOMBIE SHUFFLE - Novice/Tech+ 40M band?
by Joe Gervais <vole@primenet.com>
25) [23343] FOX: Novice/Tech+ Foxii MIA?
by Joe Gervais <vole@primenet.com>
26) [23344] Sierra Sidetone
by Richard <kt4or@qsl.net>
27) [23345] Re: FOX: Novice/Tech+ Foxii MIA?
by Shepherd@aol.com
28) [23346] ZOMBIE SHUFFLE - Novice/Tech + 40 meters
by W9SUL <pugrad@millcomm.com>
29) [23347] Re: FOX: Novice/Tech+ Foxii MIA?
by Monte Stark <ku7y@dri.edu>
30) [23348] FS QRP RIGS/MISC
by n1wcc@juno.com (Arol B Hill)
31) [23349] FOX -- huh, wha' fox?
by "Radman" <radman@best.com>
32) [23350] Re: VR98GB?
by "Joe <HS2JFW>" <pornchai@daisy.bu.ac.th>
33) [23351] Re: FOX -- huh, wha' fox?
by we6w@juno.com (Ed Loranger)
34) [23352] Re: Elmer200: Class attendance
by we6w@juno.com (Ed Loranger)
35) [23353] NC20 kit...anyone want to sell theirs? (& FOX)
by Dave Fifield <fifield@pacbell.net>
36) [23354] manual
by K4NK@aol.com
37) [23355] materials: low loss coil forms
by n3fel@juno.com (Howard D Rubin)
38) [23356] Re: QRP @ Jones Lake State Park....Knightlites
by "Paul Helbert, Wv3j" <phelbert@rica.net>
39) [23357] KEYER
by w2bj@juno.com (Barry J Minsky)
40) [23358] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable
by Scott Howell <whowell@hq.nasa.gov>
41) [23359] Re: fox
by jeverhar@cse.l-3com.com
42) [23360] KC 1
by "C. Lamar Derk" <n3at@epix.net>
43) [23361] Tuesday's Fox

by Jim Lyons <jlyons@CAM.ORG>
44) [23362] Re: ZOMBIE SHUFFLE - Novice/Tech + 40 meters
by Bruce Ratray <rattray@gpfn.sk.ca>
45) [23363] Re: FOX: Novice/Tech+ Foxii MIA?
by Bruce Ratray <rattray@gpfn.sk.ca>
46) [23364] FS: BENCHER PADDLES
by Brad Bradfield <b_bradfield@yahoo.com>
47) [23365] Re: KEYER (CMOS-III)
by "Radman" <radman@best.com>
48) [23366] Re: Official ZOMBIE SHUFFLE Rules
by w4bws@juno.com (Donald E Sanders)
49) [23367] Re: FOX: Novice/Tech+ Foxii MIA?
by "Paul R. Valko" <prvalko@oakland.edu>
50) [23368] FOX: NEWSFLASH!!! W8KC works RIT!!!
by "Paul R. Valko" <prvalko@oakland.edu>
51) [23369] Fw: Re: Official ZOMBIE SHUFFLE Rules
by ke6zx@juno.com (Fred J Kalt)
52) [23370] Fireball 10M xmtr
by Jim <kj5tf@madisoncounty.net>
53) [23371] Re: ARRL QRP article re. Tokyo HyPower Rig
by "Ed Hare, W1RFI" <ehare@arrl.org>
54) [23372] FS: 38 Special--partially built
by "Frank Grigaliunas" <fgrig@iea.com>
55) [23373] 2N2/40 FOX Contact
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
56) [23374] Re: Official ZOMBIE SHUFFLE Rules
by Bruce Ratray <rattray@gpfn.sk.ca>
57) [23375] WEB Page Help - non Radio
by Brad Mugleston <bmug@gwl.com>
58) [23376] FOX: NHTF N2TO
by "Franco, Nicholas J" <franco@bnl.gov>
59) [23377] RE: Huff-n-Puff VFO & PICS
by Bill Jones <kd7s@psnw.com>
60) [23378] Re: FOX: Novice/Tech+ Foxii MIA?
by Joe Gervais <vole@primenet.com>
61) [23379] FOX QRM?
by ARDUJENSKI@aol.com
62) [23380] Re: FOX QRM?
by Bruce Ratray <rattray@gpfn.sk.ca>
63) [23381] Re: Tapped Transformers
by we6w@juno.com (Ed Loranger)
64) [23382] re: BENCHER PADDLES
by Brad Bradfield <b_bradfield@yahoo.com>
65) [23383] WTB: SST kit or built
by n4elm@texoma.net
66) [23384] Re: FOX QRM?
by Roy <marion@montana.com>
67) [23385] Re: Official ZOMBIE SHUFFLE Rules

- by "David Hurley, n2zhy" <n2zhy@amsat.org>
- 68) [23386] FCC license address change
by n0bfqrp@juno.com (Stephen c Stuntz)
- 69) [23387] Rotatable 40 mtr dipole
by dave_epps@juno.com
- 70) [23388] Ultra-Light Antenna
by dave_epps@juno.com
- 71) [23389] Tentec Omni V mod
by Scott Howell <whowell@hq.nasa.gov>
- 72) [23390] FOX: first attempt, no luck
by Jim Glover <psykey@okcforum.org>
- 73) [23391] FIRE-BALL FRATERNITY
by Davewb4@aol.com
- 74) [23392] FOX:Team Scores log correction (fwd)
by Bruce Ratray <rattray@gpfn.sk.ca>
- 75) [23393] Re: FOX QRM?
by Tom Palmer <n1tp@worldnet.att.net>
- 76) [23394] QRP for anyone
by brian <brian@iquest.net>
- 77) [23395] Resonant Speakers and AIR-Wound mH inductors.
by Ed Loranger <we6w@qsl.net>
- 78) [23396] Fox: N2T0/Re: Toughest Yet
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 79) [23397] Fox: N2T0
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 80) [23398] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable
by Ed Tanton <n4xy@att.net>
- 81) [23399] Zip-Cord antenna/Ultra-Light Antenna
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 82) [23400] Re: FIRE-BALL FRATERNITY
by Scott Howell <whowell@hq.nasa.gov>
- 83) [23401] Zombies/SARA-TARA Hamfest
by jaywa5whn@juno.com (Jay D Miller)
- 84) [23402] STATION TEST NITE
by ARDUJENSKI@aol.com
- 85) [23403] Re: FIRE-BALL FRATERNITY
by William-McShan@ouhsc.edu (Mike McShan)
- 86) [23404] General Privileges Without CW Testing
by DENNISMO@aol.com
- 87) [23405] Re: Zip-Cord antenna/Ultra-Light Antenna
by applitech@mcg.net (Claton Cadmus)
- 88) [23406] Re: FOX: Novice/Tech+ Foxii MIA?
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 89) [23407] AR-QRP 40 m Net Wednesday Night
by Robsparks@aol.com
- 90) [23408] Potentual new projects
by Steven Weber <kd1jv@moose.ncia.net>
- 91) [23409] Re: Fox: N2T0/Re: Toughest Yet

- by "Marshall Emm" <mgemm@mtechnologies.com>
- 92) [23410] Re: Zip-Cord antenna/Ultra-Light Antenna
by Niel Skousen <skousen@srv.net>
- 93) [23411] FOX: N2TO Log 28-OCT-98 0100-0300 UTC
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 94) [23412] FOX: Who nabbed who
by sholisky@ktca.org (Scott Holisky)
- 95) [23413] OHR 500 Review Pre-announcement
by Chuck Adams <adams@ticnet.com>
- 96) [23414] Re: Zip-Cord antenna/Ultra-Light Antenna
by Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
- 97) [23415] antenas again
by Scott Howell <showell@hq.nasa.gov>
- 98) [23416] Re: N2TO Log 28-OCT-98 0100-0300 UTC
by "Radman" <radman@best.com>
- 99) [23417] Argo 509 + OHR Display
by "Tim Cook" <timcook@erinet.com>
- 100) [23418] FAQ2
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 101) [23419] Re: Zip-Cord antenna/Ultra-Light Antenna
by Chuck Carpenter <w5usj@webwide.net>
- 102) [23420] What Makes it "Iambic"
by FrConrad@aol.com
- 103) [23421] Re: What Makes it "Iambic"
by DYARNES@aol.com
- 104) [23422] FS: Sierra / St. Louis Tuner
by "Tim Cook" <timcook@erinet.com>
- 105) [23423] Re: Zip-Cord antenna/Ultra-Light Antenna
by W7LS <w7ls@blarg.net>

Date: Wed, 28 Oct 1998 00:06:12 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: qrp mailing list <qrp-l@lehigh.edu>
Subject: [23319] k8cv fox log
Message-ID: <36365FF4.920C059A@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

sorry guys OOP's sexist remark, and GALS !! Oh, please don't
do that SANDRA!!

NO NO AAAAAAAAAAHHHHHHHHHHHHHHHHHH

I don't know any other way to send my log than as an attachment and it

seems that qrp-l will not accept attachments because of all the people who will not configure there browser away from HTML so if you want the log send me a post and I will send it direct to you as an attachment.

Walt k8cv

Date: Tue, 27 Oct 1998 19:31:06 -0500
From: w2bj@juno.com (Barry J Minsky)
To: cw@qth.net, qrp@qth.net, qrp-l@lehigh.edu
Subject: [23320] SUPER CMOS III KEYER
Message-ID: <19981027.193107.-236399.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have read much about the Super CMOS III Keyer and want to get one. I need advice. I have seen the ad from Idiom Press the Logikey K-3. Is that the best place to get one or are there others who sell them cheaper or better made? I would appreciate any advice you could give me.

72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

Date: Tue, 27 Oct 1998 19:36:56 +0000
From: John <kemkerj@xyzzzy.net>
To: turnkey@exo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23321] Re: ZOMBIE SHUFFLE - anyone joining on Novice/Tech+ 40M band?
Message-ID: <363620D8.A850BA22@xyzzzy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'll be trying to work there. Don't know the exact times, but I'll be working it.

My signal should be very scary and, just like a good zombie, very slow.
[grin]

Be patient with this Zombie, guys, I'm using the Shuffle to build speed. I was thinking of working more than two hours. Can I pick the best two hours to turn in for score?

Bob Painter wrote:

> Hi Gang,
>
> The Halloween Zombie Shuffle sounds like fun. Is anyone planning
> on also operating in the 7.106 ~ 7.143 range?? Thanks
> 72, Bob, KF6NKH

Date: Tue, 27 Oct 1998 16:47:01 -0800
From: Grant Taylor <k7gt@qsl.net>
To: w2bj@juno.com, qrp-1@lehigh.edu
Subject: [23322] Re: SUPER CMOS III KEYER
Message-ID: <36366985.79C7@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

They are the only place to get either boards/parts kit or completed keyers. The kits aren't that hard to make up, but one needs to consider d.c. power, output connectors, speaker, ... issues. KE6HDS made a matched set for us that we both enjoy very much. We paid \$55 each for the kits about two years ago.

TESTIMONIAL: My keying speed and quality both took a major jump within a week of getting the SuperKeyer CMOS III keyer on line. One fellow accused me of using a keyboard... !

Either way is a winner!

--

Grant K7GT Pleasanton CA k7gt@qsl.net <http://www.qsl.net/k7gt>

Date: Tue, 27 Oct 1998 19:50:03 EST
From: K4NK@aol.com
To: qrp-1@Lehigh.EDU
Subject: [23323] Help finding CRT
Message-ID: <1a86c38b.36366a3b@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang;

I have a piece of test equipment that lost its CRT I am looking for a Hitachi 95AB31 CRT. Any help would be great. I tried richardson and the big guys , so digging around now.

72 Thanks Les K4NK

K4NK@aol.com

Date: Tue, 27 Oct 1998 19:54:48 EST
From: KF4EIB@aol.com
To: qrp-l@Lehigh.EDU
Subject: [23324] QRP @ Jones Lake State Park....Knightlites
Message-ID: <479ffb19.36366b58@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow KL,

Is there anyone looking to stay in a Modern Campsite (read motel) at the QRP gathering that would like to share a room cost?
Reply to my e-mail please

Sir Gordon kf4eib

Date: Tue, 27 Oct 1998 19:57:14 -0500
From: "Jim Fielden" <fielden@utkux.utcc.utk.edu>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [23325] Elmer200 & ARRL Handbook
Message-ID: <01be020d\$e6bc8ee0\$d412a980@galaxian>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All,

Wow I like the sound of this, maybe the most helpful thing that I've ever

done in Ham Radio, use it as an excuse to at last learn something.

I have SSD, don't have Data Book for Homebrewers and QRPers by the famous Paul Harden, NA5N, But will order it next week, not sure what the Oscillator RF Design book(s) are but not going to worry about it too much yet. My ARRL Handbook is 1990, so I know some of the info is outdated, or not included, wanted to see if anyone had a 1995 or 1996 ARRL Handbook that they would sell / trade before I start looking for a 1999 model (would love to have the one with the Sierra in it)..

Anyone have the Handbook CD, if so any thoughts, how is it working out?

72 * Jim, KU4QW - QRP-L # 1481 - G-QRP # 10117
fielden@utkux.utcc.utk.edu - FISTS # 5380 - QRP ARCI # 9789
<http://www.qsl.net/ku4qw/> - No-SSB International (tm) # 1,000,014

Date: Tue, 27 Oct 1998 20:38:11 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [23326] FOX: N2T0
Message-ID: <36367583.6BA9710A@worldnet.att.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Kevin, N2T0, now transmitting at 7.043 and listening by moving around with RIT off-set of about .200 + or - with BIG signal into FL. He nabbing hunters fast and furiously! 72/73 to all. Tom, N1TP, Naples, FL.

Date: Tue, 27 Oct 1998 18:56:34 -0700 (MST)
From: n5zgt@swcp.com (Brian Mileschosky)
To: qrp-l@Lehigh.EDU
Subject: [23327] WTB: NorCal 20 Kit Please!
Message-ID: <199810280156.SAA20743@kitsune.swcp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Everybody,

Sadly, I am one of the unfortunate ones who did not purchase a NorCal 20

kit while they were available by the folks from NorCal. :-(

I am wondering, if by any chance, anybody has one, or will have one that they would like to part with. I will be more than happy to pay the same price, plus shipping, that NorCal requested for the kit.

If you, or anyone you know, has one they'd like to sell, please email me. Thank you very much!

72,
Brian, N5ZGT
Albuquerque, NM
<http://www.swcp.com/~n5zgt>

Boy Scouts of America	Amateur Radio - N5ZGT
Eagle Scout 12/6/96	ARRL QRP: NorCal #1700 QRP-L #580 AK/QRP #125
ASM - Troop 41	Worldradio Magazines's Youth Forum Columninst
Albuquerque, N.M.	Packet: N5ZGT @ K9KUW (Temp QRT)
O.A. Lodge 66 Chief-elect	Internet: n5zgt@swcp.com

Yah-Tah-Hey-Si-Kess <-W-W-W->
Please Visit my Homepage at: <http://www.unm.edu/~brianm>

Date: Tue, 27 Oct 1998 18:04:00 -0700
From: Kory Hamzeh <kory@avatar.com>
To: n5zgt@swcp.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23328] Re: WTB: NorCal 20 Kit Please!
Message-ID: <3.0.5.32.19981027180400.007b4150@ns1.avatar.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:56 PM 10/27/98 -0700, Brian Mileschosky wrote:

>
> I am wondering, if by any chance, anybody has one, or will have one that
>they would like to part with. I will be more than happy to pay the same
>price, plus shipping, that NorCal requested for the kit.
>
> If you, or anyone you know, has one they'd like to sell, please email me.
>Thank you very much!
>
>72,
>Brian, N5ZGT
>Albuquerque, NM
><http://www.swcp.com/~n5zgt>

Brian,

I don't believe the norcal 20 has even shipped yet. At least I haven't received mine yet!

Kory

Date: Tue, 27 Oct 1998 18:12:05 -0800
From: dave_epps@juno.com
To: qrp-1@lehigh.edu
Subject: [23329] Ultra-light Antenna
Message-ID: <19981027.181205.6678.2.dave_epps@juno.com>

I made a 40 meter folded dipole from ribbon cable and also made the feedline with the same ribbon cable. I used 2 conductors for each element of the antenna and also the feedline for extra strength. It tuned great and

makes a real small lightweight antenna.

Next I plan to make multiband folded dipoles with a common feedline all from ribbon cable. With multi-colored ribbon cable it makes it easier to keep all of the elements together.

I used the ribbon cable as feedline because the Rainbow Express designer said he had used it in other antennas.

dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 27 Oct 1998 18:01:19 -0800
From: dave_epps@juno.com
To: qrp-1@lehigh.edu
Subject: [23330] Rainbow Antler 7 Point
Message-ID: <19981027.181205.6678.1.dave_epps@juno.com>

I wanted to cut a half wave wire for the almost completed Rainbow Tuner and since I have just acquired a good supply of ribbon cable I figured I would

just cut a half wave for 7 bands. (7 conductors). Also cut 1/4 wave wire for

the counterpoise. (7 Conductors) .

All 7 bands tuned with the ZM-2. (A great little tuner). The MFJ antenna analyzer really makes it easy.

I called it Rainbow as it is multicolored wires.

dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 27 Oct 1998 21:10:08 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23331] Re: N2T0
Message-ID: <199810280224.3560500@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Finally!!! A pelt at WB8RCR.

After many dry evenings, finally got N2T0. Thought I wouldn't, too. He started out with a strong sig, but faded into the murk toward the end of his exchange. I was SURE he wouldn't hear me, but he pulled it out - nice work Kevin.

72/73 de WB8RCR
didileydadidah

Date: Tue, 27 Oct 98 20:37:52 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [23332] Elmer200: Class attendance
Message-ID: <199810280235.VAA99606@nss4.cc.Lehigh.EDU>

Gang,

I do not need email asking to join the class. It is unlimited enrollment and plenty of seats are available.

1. There is no charge for this class.
2. That means no tuition.
3. That means no lab fees to me, but you will have to provide your own equipment, workbench, tools, paper and pen/pencil, etc.
4. You may bring in sodas and food, but be careful. Clean up before you leave for the day. :-) Smokers go outside.
5. No talking while the teacher is talking.
6. Take notes, there will be a quiz later.
7. There will be home work, but you grade it yourself.
8. Diploma will be issued at the end, which with a \$1 will get you a donut at 7-11 anywhere in the country. :-)

For those of you near a University. This afternoon after the intro post I went to the Varsity Bookstore just off campus from SMU to look at lab books. Well, the hardback notebooks with numbered pages run almost \$20 US currency. I settled for the National (R) Brand COMP BOOK, 80 sheets 11x8 3/8 43-481 for \$4.99. But you can use your preferred notebook or make up your own. The important thing is to keep things in one place and in order so that you don't lose the information when you need it.

But while at the book store I found a table with all the books priced at \$1 (yet another reason to visit these places aperiodically). And lo and behold I found the Second Edition of "Semiconductor Device Modeling with SPICE" by Giuseppe Massobrio and Paolo Antognetti along with "Continuous and DIscrete Signals and System" by Samir Soliman and M.D. Srinath (heavy reading I can tell).

I went to the bookstore originally to demo to the gang that I am not going to ask you to do something that I haven't done myself or tried. At least most of the time if I have the resources.

So, lab assignment about to come up for some of you. Stay tuned.

FYI

P.S. I'll take roll about the beginning of December to see how many of you are doing this. I'd hate to be talking to myself. Been there done that before. :-) ;-) I have taught classes with only two students also, so no problem there either.

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Tue, 27 Oct 1998 21:52:41 -0500
From: "GREGORY HEATH" <KB2QQM@email.msn.com>
To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.edu>
Subject: [23333] Heathkit HWA-7-1 pwr supply rebuild
Message-ID: <016314755021ca8UPISSMTPUSR03@email.msn.com>

Hi, I am rebuilding an HW7 and the HWA-7-1 that a friend was going to THROW OUT!

Where can I find the equivalent parts:

1N2071 DIODE

TA2577A TRANSISTOR, series regulator

I also want to replace the transformer.....anybody know what kind it is?
the power requirements in the manual show:

110-130 or 220-260VAC, 50/60Hz, at 15 watts. the output voltage is
13V@600mA continuous.

I have looked in the TechAmerica catalog and dont see them referenced.
Anybody know what I can use that will work?

Date: Tue, 27 Oct 1998 22:03:01 EST
From: PGHDTS@aol.com
To: qrp-l@Lehigh.EDU
Subject: [23334] RG174 Coax
Message-ID: <a8f3b5c9.36368965@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

What a great group.

Thanks everyone for the information and many offers.

73 Don KB3CIL

Date: Tue, 27 Oct 1998 22:03:07 -0500
From: Dennis Terribile <wr4i@mindspring.com>
To: qrp-l@Lehigh.EDU

Subject: [23335] ARRL QRP article re. Tokyo HyPower Rig
Message-ID: <3.0.4.32.19981027220307.006de99c@mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,

I was at the Virginia Beach Hamfest last month, standing on the surf working DX on 15m SSB with my Tokyo HyPower with its little 3' antenna when Rick Lindquist, N1RL, the Senior Tech Editor of ARRL/QST came by and saw a 'photo-op'. Results are here.(see url below)

I was also watching my 6 year old (per the XYL) of course enjoying the surf. Who say's you can't watch the kids and work DX at the same time? Ah! (she did get a little upset when she spied me...thinking I was not able to keeping my eye on the kid and "fool around" with the radio too!)

I've owned the Tokyo for about 6-7 years now and still think its one of the most unique QRP rigs ever made. The only thing that came close was the Mihizo/AEA "Handy Talkie. The Tokyo HT-750 looks like a large 2m HT (old vintage of course). It uses 8 ni-cads and has a built in charger. I use 1100 ma cells and can work several hours on it. Its got a digital display, offset, and operates on 6/15/40m ssb/cw. Its got a built in mic and I often have used the PTT to work cw. Of course now with my lil red Whiterook, its easy to pack a paddle along! The antenna set uses base loading coils(one for each of the 3 bands)and a common whip. The entire thing is about 3' long. Lately I've been using a single radial to help. Of course when you're standing on the edge of the Atlantic Ocean, that helps too!

I've taken the thing on just about every trip I've made and always have managed to make some contacts. One of my most memorable contacts was when we were on a cruise ship somewhere out in the Caribbean and there i was working some fella on cw while sipping my coffee overlooking the Ocean on the bow of the ship! I was using the PTT button. Must say the fella on the other end was verrrry patient!

When 6m is open its easy to work fellas all over the place. 15m is one of my favorite bands too. And 40 is the bread n butter of course, but not very efficient with the 3' antenna! When in Nags Head on the Outer Banks,NC I often made contacts sitting INSIDE the cottage! And on 40m to boot! It never ceases to amaze me what can be done with so little power. I figure the thing is rated for about 2w out using the AA's and on 40m with the 3' antenna, efficiency is probably on the order of -300%. Probably really only getting out about 50mw or so to the atmosphere.

Anyhow, N1RL was kind enough, and i guess impressed enough to do this little piece.

Sorry,but to log onto this ARRL site you need to be a member. And yes, I am affiliated,etc<g>

Thanks for stopping by.
Dennis/WR4i
Ivy, Va

ARRL WEB Members Only site
<http://www.arrl.org/members-only/extra/features/1998/1001/5/#dx2w>

Date: Tue, 27 Oct 1998 22:06:51 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n1tp@worldnet.att.net" <n1tp@worldnet.att.net>, //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [23336] FOX: N2T0
Message-ID: <199810272210_MC2-5E46-438D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Tom et. al.:

Yep he is rolling in here, also. Calling CQ frequently. Go get him, everyone :-).

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Tue, 27 Oct 1998 20:15:41 -0700
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: qrp-l@lehigh.edu
Subject: [23337] FOX HUNT REPORT - hit DELETE
Message-ID: <1.5.4.32.19981028031541.00688804@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

With the emphasis on the HUNT part. Two hours of frustration! Well not quite. Started at 0100z with a freshly stirfried bunch of chicken and veggies on top of rice. The wife even brought it to me as I had my

headphones on and my hand poised over the key (actually the paddle). After 10 minutes heard little except a few hounds. Went out to hear more about our weird weather in southern New Mexico. Had 5 tornado warnings today. Even had to evacuate the office and go to the basement in the building - unheard of in NM! Nobody hurt and haven't heard anything about damage.

Well, then I came back and heard Kevin but he was 2/3 of a db over mental telepathy, but I heard him. Gave several shouts knowing full well that I was screaming into that black night! Heard Ron, KU7Y, calling several times and then heard him work Kevin - there's hope (and you better be as strong on the 30th Ron!)

Even though I heard Kevin most of the night, he was really down in the mud and I had some awful terrible QRM off to the side plus remnants of thunderstorms burbling on the horizon, cracking and popping.

Ah, but there are other nights to seek out the beasties. And don't forget the Zombie Shuffle coming up as well. I've got a prime number, come and get it! Did notice that the hounds were pretty well behaved. Even I only called once at a time (well, I may have called twice - once!) Are we having fun yet?

Tim K5OI
Las Cruces, NM

Date: Tue, 27 Oct 1998 20:26:42 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [23338] Fox: Toughest Yet
Message-ID: <199810280324.UAA31137@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Bagged him with five minutes to spare but am not really sure it was fun. Terrible conditions, with QRM, QRN, QSB and other nasty Q stuff. I have a headache and my ears are ringing, I can just imagine what it was like on Kevin's end. Had some friends over and they couldn't even hear a signal in the noise, then I told them what I'd copied and they thought I must have imagined it, or else it was magic. Well, in some ways it is, I guess [g]. Good work, Kevin!

You done good! Ha

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

(303)752-3382

--

Date: Tue, 27 Oct 1998 22:23:31 EST

From: Macstein@aol.com

To: qrp-l@Lehigh.edu

Subject: [23339] Re: FOX: N2T0

Message-ID: <5b6f9b90.36368e33@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

In a message dated 10/27/98 8:40:12 PM EST, n1tp@worldnet.att.net writes:

> Kevin, N2T0, now transmitting at 7.043 and listening by moving around
> with RIT off-set of about .200 + or - with BIG signal into FL. He
> nabbing hunters fast and furiously! 72/73 to all. Tom, N1TP, Naples,
> FL.

However, It was kinda hard to hear with all of the INTENTIONAL QRM. The solid long runs of dits, the repeated tuning tone, etc. Kevin would slide up or down and so would the QRM. I think Kevin was masterful with the wait and send. Thanks guy, once I figured out your offset, I just twisted the knob a hair to send and back to listen. Hope Dave B. hurries with the RIT mod for my Elmer rig! (Thanks Dave!) I love this stuff.

Also thanks to all of the replies to my earlier post. I sent the call once tonight and got him on the second try. Amazing. The other thing is some of the sigs are sure LOUD for QRP. Again, amazing. Like I said, I love this stuff.

-MAC-

KF4KSM FL #704

Date: Tue, 27 Oct 1998 22:36:13 -0500
From: "C. Lamar Derk" <n3at@epix.net>
To: Low Power amateur discussion <qrp-1@lehigh.edu>
Subject: [23340] KC 1
Message-ID: <3636912D.7848@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Gang -

I need some information about the KC 1 keyer/freq counter that I have in my NorCal 40A. Does anyone have the list of instructions for using the KC 1? I have mislaid mine, and would appreciate very much if some kind soul would e-mail me a copy. Thank you!!!

72 de Lamar

Date: Tue, 27 Oct 1998 22:48:53 EST
From: Shephed@aol.com
To: qrp-1@lehigh.edu
Subject: [23341] Fox on the wall!
Message-ID: <aaf74a08.36369425@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Oh the great God, Dittah has once again smiled upon my humble hide!

Got Kevin with a good 559 into Ohio. He was strong, but the hounds were very few.

I guess condx were not good for you left coasters. :-(

Good job Kevin, and thanks for another great hunt.

72, 73
Dan, N8VZU
QRP-1 #1404

Date: Tue, 27 Oct 1998 20:52:13 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: turnkey@exo.com
Cc: qrp-1@lehigh.edu
Subject: [23342] Re: ZOMBIE SHUFFLE - Novice/Tech+ 40M band?
Message-ID: <199810280352.UAA27141@usr04.primenet.com>

Howdy Bob and Folks,

Bob (KF6NKH) wrote:

>

> The Halloween Zombie Shuffle sounds like fun. Is anyone planning
> on also operating in the 7.106 ~ 7.143 range?? Thanks

If you or anyone else will be there, I'll be there!
Any other Novice/Tech+ Zombies out there? You don't
need to be fast, or even good. You just need to be
able to radiate. And if you're a little scared about
getting on the air, heck, that just shows you're
in the spirit of the Zombie Shuffle. If you're slow,
that goes double.... ;-)

Seriously, I'll check the Novice portion of 40m at
the top of every hour, and if you tell us when/where
you'll be calling, I'll bet others will too.

If you're a N/T+, KEEP CALLING "CQ" SO WE CAN FIND YOU!
I like to use "CQ TEST CQ QRP TEST DE AB7TT AB7TT TEST K"
during these things.

So, any other N/T+ takers? Please let us know!

Boo de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't scary, you ain't doin' it right!" -The AZ Zombies

Date: Tue, 27 Oct 1998 20:54:54 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [23343] FOX: Novice/Tech+ Foxii MIA?
Message-ID: <199810280354.UAA27391@usr04.primenet.com>

Howdy again Folks,

Does anyone know the status of the N/T+ Foxii? Haven't heard a yelp from any of them so far. Kinda looking forward to having another pack of the critters upgrade by Spring, but with an empty litter there won't be any Foxlettes to train.... :-(

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Wed, 28 Oct 1998 23:05:11 -0500
From: Richard <kt4or@qsl.net>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [23344] Sierra Sidetone
Message-ID: <3637E977.10706529@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anybody else tried to change the sidetone pitch on the Wilderness Sierra. I changed out C41 .022 micro farad to .015 and it got way too high. My question is would changing R6A to a different value change the sidetone without screwing up anything else. It is connected to the Op amp U1B pins 1 & 2 and one leg of C41. The other leg on C41 goes to ground. I think it would work but curious if anyone else has tried this or has another suggestion.

73 es CUL Richard KT40R/QRP

FISTS # 2691 10-X # 68271 Grid EM86th
DXCC, WAC, WAS, 1000 Miles Per Watt: 7 MHz CW #1595

kt4or@qsl.net <http://www.qsl.net/kt4or/>

DX IS! QRP is T00!!

Date: Tue, 27 Oct 1998 23:04:54 EST
From: Shepherd@aol.com

To: qrp-1@lehigh.edu
Subject: [23345] Re: FOX: Novice/Tech+ Foxii MIA?
Message-ID: <8c00e610.363697e6@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 10/27/98 10:59:20 PM Eastern Standard Time,
vole@primenet.com writes:

>
> Howdy again Folks,
>
> Does anyone know the status of the N/T+ Foxii? Haven't
> heard a yelp from any of them so far. Kinda looking
> forward to having another pack of the critters upgrade
> by Spring, but with an empty litter there won't be any
> Foxlettes to train.... :-(
>
> Cheers de AB7TT,
>

I agree.
This time last year I was the N/T+ Fox, nervous as all heck and wound up
tight.
One year later I'm still nervous but an Extra. hihi.

Get in there guys, it's fun and will almost guarantee you an upgrade by
spring.

72, Dan
QRP-1 #1404

Date: Tue, 27 Oct 1998 22:12:11 -0600
From: W9SUL <pugrad@millcomm.com>
To: qrp-1@lehigh.edu
Subject: [23346] ZOMBIE SHUFFLE - Novice/Tech + 40 meters
Message-ID: <1.5.4.32.19981028041211.00a815f8@millcomm.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings,

Like Joe - AB7TT, I'll be happy to check the N/T+ portion of 40 meters
periodically. I'd be willing to check both at the "top" and "bottom" of

every hour if there is enough interest. For sure... I'll check at the top of every hour.

Please let us know who to listen for and where you plan on "hanging" around. I'll match your speed!!!!!! Be there...

72... B00 Dave - W9SUL Rochester, MN

Date: Tue, 27 Oct 1998 20:41:33 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Joe Gervais <vole@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [23347] Re: FOX: Novice/Tech+ Foxii MIA?
Message-ID: <Pine.SOL.3.96.981027204020.5072C-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 27 Oct 1998, Joe Gervais wrote:

>
> , but with an empty litter there won't be any
> Foxlettes to train.... :-(

Hey Joe,

Does your wife know your out looking for Foxlettes?

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 28 Oct 1998 00:23:43 -0500
From: n1wcc@juno.com (Arol B Hill)
To: qrp-l@lehigh.edu
Subject: [23348] FS QRP RIGS/MISC
Message-ID: <19981028.002347.3558.0.n1wcc@juno.com>

1. Ohr Explorer 40 meter
works great \$75.00 shipped

- 2.A&A engineering (gary breede) 30 meter
finished but not aligned yet \$60.00 shipped
3. ohr sprint 2 40 meter
about %85 finished \$60.00 shipped
- 4,Brown brothers paddles \$40.00 shipped
- 5.Radio shack freq counter \$45.00 shipped
6. Rainbow tuner
about %50 built \$20.00 shipped
- 7.Ohr keyer kit
unbuilt \$20.00
- 8.MFJ codetutor - 411
works good \$30.00 shipped
9. Ten=Tec model ac 4 swr meter
\$20.00 shipped
10. Jade products iambic keyer
mounted in small plastic radio shack enclosure.. \$25.00 shipped

all above items shipped to conus , postal money orders appreciated.

72's

Arol n1wcc

n1wcc@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 27 Oct 1998 21:56:07 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23349] FOX -- huh, wha' fox?
Message-ID: <199810280552.VAA27210@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Gang,

Meanwhile, here in Six-Land it was more like listening for Amelia Earhart's last flight... eeeeeesh.

.... two or three characters... maybe four... just a teaser thru the band noise. Then silence.

I took off the *big* Koss headphones, powered-down the OHR-400, the 599-ZX and the SCAF.

Some nites you get the fox... some nights he gets you. Guess, it's nature's way ;)

next time ;)

72 -- Conrad -- NN6CW

Date: Tue, 27 Oct 1998 09:28:43 +0700

From: "Joe <HS2JFW>" <pornchai@daisy.bu.ac.th>

To: <tpettibo@NMSU.Edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [23350] Re: VR98GB?

Message-ID: <019a01be0151\$8445d3a0\$b8e794cb@hs2jfw.bu.ac.th>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 8bit

Content-Transfer-Encoding: 8bit

VR98BG I guess not VR98GB.

VR98 is a special prefix for HongKong. I'm sorry that I can't remember that why they use

this prefix but VR98 is HongKong.

Pornchai Semjang ,Joe QRP-L #938

HS2JFW , N3YGP QRP-HS#1

Bangkok University

semjang@lily.bu.ac.th

pornchai@daisy.bu.ac.th

HomePage "http://www.qsl.net/~hs2jfw"

Callbook Thailand "http://hs2jfw.ml.org"

-----Original Message-----

From: Tim Pettibone <tpettibo@NMSU.Edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: 26 2541 21:47
Subject: VR98GB?

>Gang:

>

>I know VR98GB is in zone 24 (he told me so) but what's the country? If

>you're lucky I won't post my CQWW SSB QRP report!

>

>Tim K50I

>

Date: Wed, 28 Oct 1998 03:27:19 EST
From: we6w@juno.com (Ed Loranger)
To: radman@best.com
Cc: qrp-1@Lehigh.EDU
Subject: [23351] Re: FOX -- huh, wha' fox?
Message-ID: <19981028.002846.4943.1.we6w@juno.com>

Hi conrad et. al. It is really too bad I had to preside at my horseshoe club meeting. My last official act as President as my 2 years is up come Jan. 1st. But did get in some hunting time for about 35 minutes. Actually didn't hear Kevin the first half hour. But after a nice ragchew with fellow fox hunter Tom/wb5qyt, I found Kevin and heard all our friends. Yes Folks, without the Resonant Speaker he was telepathy!

So I hope I helped my fellow 6-landers find him. I made the call about 5 or 6 times but had to run.

I know I cud have worked him given the time...

I'm hoping to have a fox literature story soon. Just too busy to write any as of yet.

Thursday will be mine to catch the Fox!

-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 03:27:19 EST
From: we6w@juno.com (Ed Loranger)
To: adams@ticnet.com
Cc: qrp-1@Lehigh.EDU
Subject: [23352] Re: Elmer200: Class attendance
Message-ID: <19981028.002846.4943.0.we6w@juno.com>

Hey Chuck, Gang. FB on the Elmer 200 class.

Regarding notebooks (I'm hoping this isn't another
silly thread....)

I absolutely recommend one of my favorites I've
ever used and still have one right here by my side!

It is Blueline A796-01 Record/Registre. (200 numberd
and sewn pages!)

But the 300 page is even better: A7963-01.

I don't use it in the sequential manner but instead
Prefix it with Table of contents on page 1 thru 4.

Accounts/contacts/phone numbers pages 5-10.
Pages 11-20 are PROCEDURES Index (Page numbers referencing
sequential steps in projects I have verified processes.)
Pages 21-100 ==> PROJECTS!!!
Pages 101-150 ==> Hardware and RF Notes.
Pages 151-190 ==> Software Notes
Pages 191-200 ==> Reference Information.

Also, I add a plastic pocketed sheet on the inside
back cover and tape it in good. The pockets hold
index cards etc. associated with current and past
projects etc...

I have survived MANY customer disasters by taking this
book with me. They destroy the system hardware/software
or what ever! I've got all pinouts, drawings, software
hardware etc. tips -- anything I worked on has a procedure
and expected problem list I have worked out.

Along with the book comes an equally organized tool kit

both hardware and software.

One manager joked: "You can send this guy [me] into the woods with a Bowie knife and some rope and he'll come back with a bear."

Just don't give me too much rope :)

-ED

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 02:14:42 -0800
From: Dave Fifield <fifield@pacbell.net>
To: Grant Taylor <k7gt@qsl.net>, QRP List <qrp-l@lehigh.edu>
Subject: [23353] NC20 kit...anyone want to sell theirs? (& FOX)
Message-ID: <3636EE92.19F9@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Grant,

Thank you for the kind words.

Great minds think alike (or is it "fools never differ"?)...
for I too am planning on putting an NC20 on 40m. I was intending
to hammer out the details after the kits are shipped and post
the conversion here as a courtesy. Should be easy to do. It'll
make a nice 40m fox hunting rig I hope (although I'm hardly
ever home from work in time to catch the fox, oh well).

72 fer now,
Dave Fifield, AD6AY

Date: Wed, 28 Oct 1998 06:56:09 EST
From: K4NK@aol.com

To: qrp-1@Lehigh.EDU
Subject: [23354] manual
Message-ID: <3f9f63e9.36370659@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang;

I would be willing to pay \$10 for a copy of the Sierra manual. Please E-mail me direct. Thanks

Les K4NK

K4NK@aol.com

Date: Wed, 28 Oct 1998 07:20:51 -0500
From: n3fel@juno.com (Howard D Rubin)
To: w5usj@webwide.net
Cc: qrp-1@Lehigh.EDU
Subject: [23355] materials: low loss coil forms
Message-ID: <19981028.072058.8782.0.n3fel@juno.com>

Chuck,

Good input on dissipation factor vs dielectric constant. I guess I tend to lump the two together, but they are very different concepts. It seems to me that the dissipation factor is involved in the Q-ness of the completed coil solution and not particularly the resonant frequency. The dielectric constant would very definitely affect the resonance if it increased the distributed capacitance across the windings. So a coil solution for VHF or UHF might have some dissipation factor, but better not have much dielectric constant, else it would self resonate at an undesirable frequency.

While we're on the topic, how would I reliably measure the dissipation factor of a coil using teflon or polystyrene compared to a similar air core winding? I am thinking of an impulse test to determine how severe the damping due to high dissipation factor. Trying to measure phase angle at VHF frequencies might be a challenge. Any comments from the group?

Howard, N3FEL

On Thu, 22 Oct 1998 19:54:16 -0500 Chuck Carpenter <w5usj@webwide.net> writes:
>Howard,

>
>Another information source is "Reference Data for Engineers: Radio,
>Electronics, Computer, and Communications" published by Sams
>(originally by
>IT&T).
>
>It lists dissipation factors of most insulating materials up to 2.5 x
>10 to
>the 10th Hertz.
>
>>Polyphenylene Sulfide Glass-reinforced R-4 which has a dissipation
>>factor of 0.0014 at 1 MHz.
>
>>Polystyrene Polymer which has a dissipation factor of 0.0001-0.0003
>at 1KHz.
>
>The base materials for these plastics are listed but not as used with
>other
>materials. The dissipation factors are low at the highest frequencies
>tested
>
>Why not use teflon? It has a lower dissipation factor and is likely
>to be
>more readily available in the form factors you may be using. Teflon
>also
>has a lower dielectric constant which will keep the distributed
>capacitance
>lower.
>
>72/73 -- Chuck, W5USJ, EM22cv, Point, Rains County - Eagle Capital of
>Texas
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 07:36:23 -0500
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: KF4EIB@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23356] Re: QRP @ Jones Lake State Park....Knightlites
Message-ID: <36370FC7.5CFE49BE@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've been very fast with the delete key lately. WHAT qrp gathering?

Thanks,

Paul

Date: Wed, 28 Oct 1998 07:50:03 -0500
From: w2bj@juno.com (Barry J Minsky)
To: cw@qth.net, qrp@qth.net, qrp-1@lehigh.edu
Subject: [23357] KEYER
Message-ID: <19981028.075004.-228091.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I want to thank everyone who responded to my post about the Super CMOS III> I am ordering one today. Thanks again.

72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

Date: Wed, 28 Oct 1998 07:53:48 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: Ed Tanton <n4xy@att.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23358] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable
Message-ID: <3.0.5.32.19981028075348.007cda00@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

this is true however, what I was saying is that a dual lever paddle can't be iambic just because its a dual lever paddle. I have always been told that although it has two switches, you wouldn't say the paddle is iambic, but the keyer is. Perhaps I am wrong, but this is how it has been explained to me. I guess then you couldn't call a bug iambic.

Interesting. How about defining iambic. I haven't a dictionary handy, but is it the alternating dots and dashes that make it iambic? what if the keyer gave dits on one side and dashes on the other. WOULD this then mean the keyer is not iambic. In other words if you held both paddles together, you would get one or the other, but not both.
hmmmm not to turn this into a debate, but just pointing out what I have been told.

73 de Scott/n3bby
Laurel MD

At 10:08 AM 10/27/1998 -0500, Ed Tanton wrote:
>Hi Scott... oh yes there is... a single lever paddle can NEVER be used as
>an iambic paddle, with an iambic keyer, because you can never close both of
>its contacts at once.
>

Date: Wed, 28 Oct 98 07:57:28 EST
From: jeverhar@cse.l-3com.com
To: njqrp@njqrp.org
Cc: qrp-l@lehigh.edu
Subject: [23359] Re: fox
Message-ID: <9810281257.AA16474@train11.cse.l-3com.com>

Gang,

Skunked again! Not much time to spend looking for ol furry-tail but I did not hear a peep (bark?) out of him. Even the hunters were tough to find. Think I did hear Clif, AB5UA get him.

NYC is so close and yet so far away...

This will seriously hurt the NJ Diddles scoring!

72/73,

Joe E., N2CX

Date: Wed, 28 Oct 1998 08:02:26 -0500
From: "C. Lamar Derk" <n3at@epix.net>
To: Low Power amateur discussion <qrp-l@lehigh.edu>
Subject: [23360] KC 1
Message-ID: <363715E2.6BA@epix.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thank you to all who have replied to my question re the KC 1. I have the info I need, and am now "back in business" on the 40 A.

72 de Lamar

Date: Wed, 28 Oct 1998 06:32:54 -0500
From: Jim Lyons <jlyons@CAM.ORG>
To: qrp-l@lehigh.edu
Subject: [23361] Tuesday's Fox
Message-ID: <3.0.5.32.19981028063254.00817e10@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Last night I had supper with AA5TB (from this list) who is in town for a convention.

As a result I was only able to hunt for the last 30 minutes. During that time I couldn't hear the fox and could barely hear any hunters. So I drew another blank :(

Oh well, perhaps Thursday will be better.

Steve and I had a great time chatting about QRP so the evening was a big success despite the fox's escape.

Jim, VE2KN
Montreal

Date: Wed, 28 Oct 1998 07:38:46 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: W9SUL <pugrad@millcomm.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23362] Re: ZOMBIE SHUFFLE - Novice/Tech + 40 meters
Message-ID: <Pine.LNX.3.95.981028073721.1096C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I will also check the Novice freqs...I'm "dead" sure of

that...yeah,yeah,yeah, I know...a real groaner!....:-)...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
"QRP! How sweet it is!"

Date: Wed, 28 Oct 1998 07:40:44 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23363] Re: FOX: Novice/Tech+ Foxii MIA?
Message-ID: <Pine.LNX.3.95.981028073935.1096D-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey Ron....I think we've got Joe right where we want him eh?....now Joe,
about the K2 that I want.....heh,heh,heh.....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
"QRP! How sweet it is!"

Date: Wed, 28 Oct 1998 05:53:33 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [23364] FS: BENCHER PADDLES
Message-ID: <19981028135333.6829.rocketmail@send201.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good morning friends and neighbors - -

I have for sale a set of Bencher paddles. These are the standard
model with black base. The paint on the base and the rest of the
paddles are in excellent shape. Used, but in the original Bencher box.

Price: \$40.00 plus \$5.00 S&H in the lower 48. Outside that, whatever
the actual shipping cost is.

If I don't get a buyer from the QRP-L by Friday morning, I'll list it
on Ebay, but I'd rather try to sell it here first.

Remember: "Real men talk with their fingers!!" (No stupid, not that

finger!!!)

72's es 73's,

Brad, WB0CGH

==

Brad Bradfield, PE	WB0CGH	Systems Engineer
108 Forestwood Dr.		Raytheon Systems Company
Corinth, TX 76205		Lewisville, TX 75069

QRP-L #377
ARS #72
Austin QRP Club #e

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 28 Oct 1998 05:59:01 -0800
From: "Radman" <radman@best.com>
To: <w2bj@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23365] Re: KEYER (CMOS-III)
Message-ID: <199810281355.FAA02013@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Barry,

I'm a *big* fan of the Super CMOS-III. The "kit" is available only thru Idiom Press. However, the K-3 (Logikey) fully-packaged version is available thru HRO in Sunnyvale, CA and presumably other HRO's across the US. The HRO price (working from memory at 5am) is about \$110-\$115 (fully assembled) and there's an "interconnect cable kit" for about \$12 - \$15. I'm not aware of any other packaged versions of the CMOS-III or K-3 product. Impressions of the K-3 packaging... it's sort of MFJ-ish in look and feel. It's OK. I believe Idiom/Logikey is looking at the home QTH for this K-3 product, rather than

QRP field use. My opinion is you'll have more fun packaging your own, to fit your needs.

If you order the kit, you'll need to source all (6) momentary contact memory switches, battery connector, speaker, Vol pot, Speed pot, jacks, etc, etc -- as well as the enclosure.

FYI, Over the past year I've been working on miniature packaging schemes for the Super CMOS-III. I'm close to posting/publishing an article on a ruggedized, compact field-ready version that will survive a Canadian hockey team and be the envy of the US Navy Seals ;) Coming soon.... :-)

My own CMOS-III ? Two years running on 3 - "AA" alkaline cells - still ticking. Very common story. I love these keyers :-)

GL -- let us know how you package it,

72 - Conrad - NN6CW

I want to thank everyone who responded to my post about the Super CMOS

III> I am ordering one today. Thanks again.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,

Date: Wed, 28 Oct 1998 08:42:22 -0500
From: w4bws@juno.com (Donald E Sanders)
To: bgeipel@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [23366] Re: Official ZOMBIE SHUFFLE Rules
Message-ID: <19981028.085923.3702.0.w4bws@juno.com>

How about CQ B00 ?

Donald Sanders W4BWS

694 E. Eau Gallie Blvd. Satellite Beach, FL 32937

407-779-0222 Fax 407-779-0830

W4BWS@juno.com

My favorite QRP rig glows in the dark

On Mon, 26 Oct 1998 17:14:19 -0800 "Barry L. Geipel"

<bgeipel@primenet.com> writes:

>

>So how does one call CQ for the Zombie Shuffle?

>

>CQ ZOMBIE

>CQ UNDEAD

>CQ CREATURES OF THE NIGHT

>CQ HALLOWEEN

>

>72/73 de KF6RDI/AG - Barry

>

>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 09:11:16 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Joe Gervais <vole@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23367] Re: FOX: Novice/Tech+ Foxii MIA?
Message-ID: <Pine.OSF.3.95.981028090841.29435C-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 27 Oct 1998, Joe Gervais wrote:

> Does anyone know the status of the N/T+ Foxii? Haven't
> heard a yelp from any of them so far. Kinda looking
> forward to having another pack of the critters upgrade

The NT foxhunt will begin in a couple weeks, as mentioned earlier. I think it's even in the first foxhunt post that the NT foxhunt would start in November.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 28 Oct 1998 09:19:51 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [23368] FOX: NEWSFLASH!!! W8KC works RIT!!!
Message-ID: <Pine.OSF.3.95.981028091602.29435E-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Contrary to popular belief, I have nothing against using RIT either as a FOX or HOUND, or any other QSO I happen to run into.

S000000000000... look who's in the fox log this week... right near the top. :-)

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 28 Oct 1998 09:27:47 -0500
From: ke6zx@juno.com (Fred J Kalt)
To: qrp-l@Lehigh.EDU
Subject: [23369] Fw: Re: Official ZOMBIE SHUFFLE Rules
Message-ID: <19981028.092747.-911839.1.ke6zx@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

wondering if we could set one way only to call for the Zombie Shuffle. It would be nice to be able to recognize the others quickly who are out there wanting to participate.

Thanks,

Fred KE6ZX
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728

----- Forwarded message -----
From: w4bws@juno.com (Donald E Sanders)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Wed, 28 Oct 1998 08:42:22 -0500
Subject: Re: Official ZOMBIE SHUFFLE Rules
Message-ID: <19981028.085923.3702.0.w4bws@juno.com>
References: <199810270112.RAA25534@newspaper.cwi.com>

How about CQ B00 ?
Donald Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, FL 32937
407-779-0222 Fax 407-779-0830
W4BWS@juno.com
My favorite QRP rig glows in the dark

On Mon, 26 Oct 1998 17:14:19 -0800 "Barry L. Geipel"
<bgeipel@primenet.com> writes:
>
>So how does one call CQ for the Zombie Shuffle?
>
>CQ ZOMBIE
>CQ UNDEAD
>CQ CREATURES OF THE NIGHT
>CQ HALLOWEEN
>
>72/73 de KF6RDI/AG - Barry
>
>

----- You
don't need to buy Internet access to use free Internet e-mail. Get
completely free e-mail from Juno at <http://www.juno.com/getjuno.html> or
call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 08:31:52 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@lehigh.edu
Subject: [23370] Fireball 10M xmtr
Message-ID: <36372AD8.5BE6@madisoncounty.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Hi Jim,

>What's a fireball? Sounds interesting, now 10m is picking up. Is it a
>commercial design or kit or homebrew? I'd like to know.

>Best regards,

This email showed up today from John in G land. The only article I still
can find on the Fireball is in the QRP Quarterly April 1993 p. 24.
I emailed the writer WB8ELK, hope to hear from him.
The inventor of the rig is Bob Moody K7IRK who lives in Texas. But no
email address was found.
There was an article in November 1990 issue of 73 p. 12 & 18. And one in
Radio Fun March 1992.

Basically the rig consists of a computer clock oscillator module. The
article lists Digi-Key CTX128 for 30mw, or X131 for 8mw. It lists 28.332
and 28.060.

It would be great if a diagram was available on the WWW, anyone seen
anything?

Looking at the diagram in QRPQ it goes like this; pin 7 is ground, pin
14 is pwr in/keying, and pin 8 has a 0.01uF cap in route to the antenna
connector. Power is 5 or 6 volts. Btry - connects to ground/pin 7, and
braid at the antenna connection. Hope I got it all right! hi

You'll need a switch to go from XMIT to RX.

Have fun, Jim AR QRP #2 Fireball #181

Date: Wed, 28 Oct 1998 09:39:42 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [23371] Re: ARRL QRP article re. Tokyo HyPower Rig
Message-ID: <36372CAE.7AD0@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dennis Terribile wrote:

> Anyhow, N1RL was kind enough, and i guess impressed enough to do this
> little piece.

> Sorry, but to log onto this ARRL site you need to be a member. And yes, I am
> affiliated, etc<g>

So am I. :-) To log on to the ARRL members-only page, go to:

<http://www.arrl.org/members-only/>

and, the first time you log in, have your membership number handy (from your QST mailing label). You can self-assign a password and use it for future log ins.

One of the neatest things there is that we publish an advance look at the QST Product Reviews, and *PDF files of all past reviews since 1990! And, not to let the cat out of the bag, but I am planning a special surprise for the Web version of Product Reviews -- it should be ready in a day or two!

72 from the ARRL Lab
Ed Hare, W1RFI

Date: Wed, 28 Oct 1998 06:44:56 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23372] FS: 38 Special--partially built
Message-ID: <199810281445.GAA08763@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a partially built 38 Special, but it's been sitting in the drawer too long, and I want to move it out to make room for something else.

This one has all the components mounted for the standard configuration, except for one 220 pF capacitor, which got lost. The ICs are mounted in sockets, rather than being soldered directly to the board. I also have the RIT, keyer, and 5-watt components; they have not been installed.

If you'd be interested, I'd send the lot of it off to you by priority mail for \$45.00.

--Frank, AB7YT

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people"

Date: Wed, 28 Oct 1998 10:00:43 -0500
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-l@lehigh.edu
Subject: [23373] 2N2/40 FOX Contact
Message-ID: <3.0.1.32.19981028100043.006d4764@mail49.mci2000.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang...for those interested, I got my 2N2/40 rig back yesterday from Paul, NA5N, where it was undergoing testing, to collect data for the upcoming Winter QRPp article. This is the rig that won the Wayne Burdick, N6KR proposed, and NorCal sponsored 2N2222 design contest. Since one of the reasons for building the 2N2222 rig for forty meters was to chase FOX, I did just that. Worked N2T0 at 0121Z according to my clock. 559 report from a 1.5 watt, 100% home brew transceiver, non-IC transceiver.

After the hunt, I went after a bit of DXing, and worked EA1DGA with 579 report, and TG9AOC with 599. (Not likely! ;-))

Over the summer, I (and others) have been working on a "mega article" for the Winter Issue of QRPp detailing this rig. The article will show you how to build the same rig, only on a larger footprint, so that even new builders will be successful.

Enough for now, but keep tuned to this channel for more information on the 2N2/40.

72, kind regards, than thanks for the bandwidth.

Jim, K8IQY

Date: Wed, 28 Oct 1998 09:22:26 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Donald E Sanders <w4bws@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23374] Re: Official ZOMBIE SHUFFLE Rules
Message-ID: <Pine.LNX.3.95.981028092121.9708B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'll vote for "CQ B00".....right on eh?....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
"QRP! How sweet it is!"

Date: Wed, 28 Oct 1998 08:28:19 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Cc: Stewart Beasley <COMPLIANCE/COMPLIANCE/sley@gwl.com>
Subject: [23375] WEB Page Help - non Radio
Message-ID: <01BE024C.EC77D940.bmug@gwl.com>

I have a problem and I am asking the most diverse group of people I know.
Looking at most of your signatures I notice most of you have a web page so
here is my problem.

Currently, we have a Web Page that queries an Access Database table.
To generate this table, I have created a query from a separate Access
Database that creates a table in the database linked to the webpage.

The webpage has problems reading long words or spaces in a column name and
reading items that are not formatted as text (i.e.. date/time, numbers), and
unfortunately, the main database utilizes both spaces and long names for
column headers and has several different data formats.

I am trying to have the query automatically format the data into text and
to rename the columns so that they have no spaces and have a shorter name
in the new database table that the query creates. I've written the query so
that it will display different names when ran but when it runs and saves as a
table it uses the old (longer) names.

My solution would be to either have the query save the data using shorter names
and change the format to all columns to text OR have the webpage be able to
read the longer names (including spaces) and read fields in a format other than
text (date/time and numeric).

Thanks,

de KB0ROL, Brad

OBTW, required QRP related item. If I get this done I can get home a little earlier and play radio (or study for my upgrade).

Date: Wed, 28 Oct 1998 10:47:04 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: qrp-l@lehigh.edu
Subject: [23376] FOX: NHTF N2T0
Message-ID: <7F3D7334ABE6D11196F500A0C9B426B61DBE@exchange.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Never Heard The Fox!

A few years ago we had the four letter codes in the subject of the Fox postings to help people know if they should read or delete the email message :-). There was IWTF (I Worked The Fox) - IHTF (I Heard The Fox) - and NHTF (Never Heard The Fox) and maybe a couple others that were developed over the season.

Anyway: I hardly heard the frequency and I thought I heard part of the Fox once but it was probably imaginary. I think Kevin is about 50 miles West of me and his signal just flew over my head and out of reach.

I also had my Daylight Savings Time internal clock still in effect. I saw his 0100 start time, but thought that would be 2100 EDT, However it is now EST and I joined the hunt over an hour late at 0220. A strange night overall. I thought I would have heard many more hunters in the pile up. Maybe the RIT thing threw some off the scent. He did announce the use of RIT so we should have been ready for this wiley critter.

Sounds like you did a great job from the other reports, Kevin. I catch you one of these days ;-)

72,
Nick - KF2PH
QRP-L # 13 . .

PS: Since I had to unsubscribe and re-subscribe, I didn't go on the Digest so I'm getting message as they come again. I'll see how long I can keep up.

It's good to be a part of the group again :-)

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Wed, 28 Oct 1998 07:49:35 -0800
From: Bill Jones <kd7s@psnw.com>
To: ham-pic@qth.net, qrp-1@lehigh.edu
Subject: [23377] RE: Huff-n-Puff VFO & PICS
Message-ID: <36373D0F.8DA91A62@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thank you, my friends, for your responses to my query for more information on using a PICs to implement a huff-n-puff VFO stabilizer. I now have several references and am in the process of absorbing the information as time permits.

--

=====
Bill Jones - KD7S <>>
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Wed, 28 Oct 1998 09:01:06 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: ku7y@dri.edu (Monte Stark)
Cc: qrp-1@lehigh.edu
Subject: [23378] Re: FOX: Novice/Tech+ Foxii MIA?
Message-ID: <199810281601.JAA24221@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy!

Ron (KU7Y) wrote:

>
> > but with an empty litter there won't be any Foxlettes to train.... :-(
>
> Does your wife know your out looking for Foxlettes?

Yes, but she made it clear this Hound is only allowed to *look*, otherwise she's gonna make an appointment for me at the vet.

Hey wait, she already did that. :-) Man, I'll never look at a 100W Weller the same again.... DOH! =8-0

Paul - thanks for the info re: N/T+ Foxii in November. Sure hope the critters are chomping at the bit! My Dread Fox Raider 3000(tm) antler and Sierra are standing by!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Wed, 28 Oct 1998 11:03:31 EST
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [23379] FOX QRM?
Message-ID: <2ea2bd4e.36374053@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

For the past 3 foxes, there have been two QRO stations that move in on top of the FOX hunt and sit there for about an hour. They are too fast for be to copy (so can't be one of us fellow brass pounders). Filters all the way crunched down tight makes the fox extrememly difficult to copy in the pile up. I was wondering if any of you other folks experience the same problem or if it must be some local operators?

Alan KB7MBI

Date: Wed, 28 Oct 1998 10:16:42 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23380] Re: FOX QRM?
Message-ID: <Pine.LNX.3.95.981028101455.18747B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

....I've observed the same thing here.....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
"QRP! How sweet it is!"

On Wed, 28 Oct 1998 ARDUJENSKI@aol.com wrote:

> For the past 3 foxes, there have been two QRO stations that move in on top of
> the FOX hunt and sit there for about an hour. They are too fast for be to copy
> (so can't be one of us fellow brass pounders). Filters all the way crunched
> down tight makes the fox extrememly difficult to copy in the pile up. I was
> wondering if any of you other folks experience the same problem or if it must
> be some local operators?
>
> Alan KB7MBI
>

Date: Wed, 28 Oct 1998 11:18:51 EST
From: we6w@juno.com (Ed Loranger)
To: ctrask@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [23381] Re: Tapped Transformers
Message-ID: <19981028.082019.4951.0.we6w@juno.com>

This Transformer winding thread is neat. And it is
a 'Core' part of ham radio :)

Often overlooked is one of my favorite transformers.

Note: Please understand I'm writing this from memory.
Constructive corrections welcomed and flames
can be placed in the space provided ==> >.<
(Couldn't resist :) I saw that in a sig. file...

The 'Candelabra' or 'Coil' balun. I'm no expert,

just a ham who very intently reads his handbooks
and those on the shelves of my engineering coworkers :)

For the inquisitive, the coil balun (also a transformer) is typically used in certain applications where the source/load impedance is known. Such is the case when feeding push-pull transistor circuits and also Log periodic antennas.

The transformer windings (Twisted or otherwise) and in some cases the wire length ($1/4$) wavelenth come into play. First the transformer windings are transmission lines in this type. The spacing and wire diameter sets the parallel transmission line impedance and is the geometric mean $Z_o = (Z_i^2 + Z_l^2)^{.5}$

Depending on the application, the windings can be $1/4$ wavelength long at the lowest frequency, but this us usually in air core transformers.

A most common candelabra balun is 100 Ohm Z_o trans. line in a 4:1 Balun Transformer for 50:200 Ohm applications.

Back issues of the "Communications Quarterly" \$10.00 each, but available at my tech. library have a series on these. The series covers a 2-1/2 year period from 1992 to 1995 or so. (+/- my memory)

Of particular note is the use of carefully taped. parallel wires to preserve the Z_o of the xmsn line.

These baluns are very neat and efficiencies up in the 99.5 %!

I believe current issues of the ARRL Antenna Hdbk and Amateur Hdbk cover the Coil/candelabra balun at the end of one of the sections. I recall examples employing $1/4$ wave lines in air and also toroids feeding balanced antennas and splitter inputs to push-pull transistor stages.

Check it out, its good stuff.

Oh, for taps in transformers, I make a larger loop while winding. I then cut the loop at the farthest point and scrape off the enamel coating. I then twist these wires tightly and down to the core. I solder then cut it flush. Never had a problem this way. Of course, if the tap goes to a PC board, you cut it less-flush. (Hee, like these new-fangled toilets.....:)
That should wind it up for now.

72/ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 08:23:52 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [23382] re: BENCHER PADDLES
Message-ID: <19981028162352.9468.rocketmail@send201.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The Bencher paddles are asked for. If I get any more responses,
they'll go on the waiting list.

72's es 73's,

Brad, WB0CGH

==

Brad Bradfield, PE WB0CGH Systems Engineer
Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377
ARS #72
Austin QRP Club #e

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 28 Oct 98 16:48:25 +0000

From: n4elm@texoma.net
To: qrp-1@lehigh.edu
Subject: [23383] WTB: SST kit or built
Message-ID: <199810281648.KAA05497@mail.texoma.net>

Looking for a Widerness Radio SST kit for 20 meters or maybe 40 meters.

73 - Dave,
N4ELM

Date: Wed, 28 Oct 1998 09:50:28 -0700
From: Roy <marion@montana.com>
To: ARDUJENSKI@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [23384] Re: FOX QRM?
Message-ID: <199810281648.JAA15859@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:03 AM 10/28/98 -0500, you wrote:

>For the past 3 foxes, there have been two QRO stations that move in on top of
>the FOX hunt and sit there for about an hour. They are too fast for be to
copy
>(so can't be one of us fellow brass pounders). Filters all the way crunched
>down tight makes the fox extrememly difficult to copy in the pile up. I was
>wondering if any of you other folks experience the same problem or if it must
>be some local operators?
>
>Alan KB7MBI
>

Not only those guys, also some other
intentional QRMers copied here in MT. No idea why they do it. I didn't
hear the fox at all last night, so they weren't there. But If the fox is
hearable, they usually show up. The worst one I get hear is just dits or a
big carrier. Sad but true. Roy AB7CE

Date: Wed, 28 Oct 1998 12:07:49 -0500
From: "David Hurley, n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23385] Re: Official ZOMBIE SHUFFLE Rules
Message-ID: <36374F65.A4E211CA@amsat.org>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I like "cq boo" too!

David,n2zhy
Princeton,NJ

Bruce Rattray wrote:

>
> I'll vote for "CQ B00".....right on eh?....
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
> "QRP! How sweet it is!"

Date: Wed, 28 Oct 1998 10:10:44 -0700
From: n0bfqrp@juno.com (Stephen c Stuntz)
To: qrp-l@Lehigh.EDU
Subject: [23386] FCC license adress change
Message-ID: <19981028.101045.14414.0.n0bfqrp@juno.com>

How can I change my license adress on the web? I tried the
<http://www.fcc.gov/wtb/uls/> page without any success.

Thanks.....

Stephen Stuntz N0BF

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 09:20:35 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [23387] Rotatable 40 mtr dipole
Message-ID: <19981028.092035.6678.2.dave_epps@juno.com>

I put a roof-mount tripod on a base with wheels and can move one end of
the dipole for any direction I want. The base is weighted and I don't
move it

while extended. One of the portable basketball backboard units looks to be ideal for this.

dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 09:12:58 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [23388] Ultra-Light Antenna
Message-ID: <19981028.092035.6678.1.dave_epps@juno.com>

I know it isn't supposed to work. Ribbon cable as feedline? (HUH)
Used zip cord years ago. Doing crazy things like this is what happens
when
you don't really know a whole lot and still like to build. I build a lot
of things
that are supposed to work and don't and every once in a while I build
something that isn't supposed to work and "IT DOES".
Don't tell my HW-8 it won't work.

dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 12:26:17 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [23389] Tentec Omni V mod
Message-ID: <3.0.5.32.19981028122617.0080c970@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

there is a mod for the Tentec Omni V allowing it to go below 7 watts or
there about.

Does anyone know what this mod is? what parts do I need, and would it
affect the rigs ability to run qro lets say about 100-110 watts?
I would like to have the ability to go down to 1 watt or so on up to the
100 qro level.

tnx to all.

72/73 de Scott/n3byy
Laurel MD

Date: Wed, 28 Oct 1998 11:52:28 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@lehigh.edu
Subject: [23390] FOX: first attempt, no luck
Message-ID: <199810281752.LAA20269@okcforum.org>
Content-Type: text

Having borrowed Bob, N5URL's OHR Explorer II (thanks, Bob!--QRP'er's are a great bunch!), I had my first shot at the fox last night.

I got home around 0130Z and listened until about 0215Z, but couldn't locate either the fox, or the hounds. I find this rather odd.

My 95-foot inverted Vee up 33 feet at the apex has been doing a good job for me, and 40M was just full of signals last night. I'm not real sure about this rig's frequency indicator. I've been hearing W1AW at what the rig says is just a notch above 7040 (more like 7041 I suppose). Doesn't W1AW transmit on 7047.5? (Or is that only approximate?) So...I assume my frequency indicator may be off by as much as 7.5 kHz, so I tuned from 7020-something up through 7050 on my dial. I found QSO's a-plenty, but no fox, and no pile-up.

>From reading the FOX reports (when I have the patience!), I have gathered that it's not unusual to not actually hear the fox (makes sense; maybe propagation just isn't open that way on any given evening) but don't people normally at least hear some of the hounds?

I wonder if there's a trick I might be missing.

--Jim WB5UDE

Date: Wed, 28 Oct 1998 12:48:54 EST
From: Davewb4@aol.com
To: qrp-1@Lehigh.EDU
Subject: [23391] FIRE-BALL FRATERNITY
Message-ID: <313838cb.36375906@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang: I have seen some questions and interest in the FIRE-BALL. The fire-ball is a 10 meter 10mw (adjustible down) xmitter designed by k7IRK & WA6YPE There Company was, or still is, called Smith Enterprises. They sold them around 1990. As I remember they were very inexpensive. (\$10.00 rings a bell) In essence they are a clock oscillator on 28.060mhz with a 10 turn pot to adjust output and an RF relay. They were supplied with an official FIRE-BALL Fraternity QSL Card and your your Fire-Ball Number (Mine is FB-171) They also made one for 28.636 for SSB. With conditions on 10 getting better the FIRE-BALL would be lots of fun. The last address I have for SMITH ENTERPRISES is:
Smith Enterprises Fire-Ball
48788 Silver Valley Rd.
NewBerry Springs CA 92365
Phone: 818 963-0079
Might be time to dust off my FIRE-BALL
73
Dave Rogers WB4CHK

Date: Wed, 28 Oct 1998 12:08:31 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [23392] FOX:Team Scores log correction (fwd)
Message-ID: <Pine.LNX.3.95.981028120356.28311A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...we have a log correction which switches the positions of the Texas Tarantulas and the Brass Pounders...

...Team scores after hunt #6 - K8CV - ...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
"QRP! How sweet it is!"

The 40 mtr Fox Hunt Team Scores

...the Kentucky Porch Houndz - 4.000 - hound -> KA8OKH

...the Houston Hounds - 3.900 - hounds -> K5ZTY,W5SB,KQ5U, KK5LD

"CLEAN SWEEP!"

...the Vibro-Fox Finders - 3.800 - hounds -> KU7Y,K2VCO

...the Underdogs - 3.248 - hounds -> N4ROA,KI0II

...the Fox Nabbers - 2.997 - hound -> W0CH

...the Brass Pounders - 2.500 - hounds -> AB8DF,KB7MBI - CLEAN SWEEP!

...the Texas Tarantulas - 2.250 - hounds -> AB5WX,N5TW,W5HNS

...the Northern Lights - 1.998 - hounds -> VE2KN,VE5RC

...the Swords - 1.665 - hounds are still hungry

...the Jersey Diddles - 1.366 - hounds -> N2T0,N2WF

...the Team Apathy - 0.666 - hound -> hounds are still hungry

Date: Wed, 28 Oct 1998 13:25:52 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23393] Re: FOX QRM?
Message-ID: <363761B0.AB9FC032@worldnet.att.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Alan and the group: Recently there has been QRM intentionally interfering with the FOXHUNTS, including people sending "QRL?" over and over again. It's a damn shame that a few LIDS can't stand it that other hams are having fun. 72/72 to all, Tom, N1TP, Naples, FL.

ARDUJENSKI@aol.com wrote:

> For the past 3 foxes, there have been two QRO stations that move in on top of
> the FOX hunt and sit there for about an hour. They are too fast for be to copy
> (so can't be one of us fellow brass pounders). Filters all the way crunched
> down tight makes the fox extrememly difficult to copy in the pile up. I was
> wondering if any of you other folks experience the same problem or if it must
> be some local operators?
>
> Alan KB7MBI

Date: Tue, 20 Oct 1998 17:18:22 -0500
From: brian <brian@iquest.net>
To: qrp-l@lehigh.edu
Subject: [23394] QRP for anyone
Message-ID: <362D0C2E.11F2@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone that thinks that QRP is too hard, or too much work, needs to talk to me. I've been on the air with my Norcal 40A since Labor Day weekend. I just finished my 22nd state (WVa - KB8GDF) contact and have been poring over my log sheets. With my self built 40A, and my self built ZM-2 tuner, I have had 30 QSO's in less than 60 days (Vacation days help) and most have returned my QSL request. I QSL 100% of anything I trade a name and RST with. (HI HI)

My CW speed isn't up to 15 yet but it's holding at a respectable 10 or so and maybe 13 on a good downhill day.....but in 60 days I've doubled my speed and had a lot of fun.

If I can build a xcvr, and it works, anyone can. QRP has restored my curiosity of amateur radio, and CW has even increased my level of concentration (can't drink Diet Pepsi and do CW at the same time for some reason).

With QRP CW, I'm sexier, healthier, more energetic, can run faster, leap further, and neighbors find me more interesting and knowledgable. Yes, QRP CW has turned my life around! Can somebody give me an FB?!?! Let me hear an FB!! Say, halleluja!! Say EFFFFFFF BEEEEEEEE!!!! Gimme a

QRL! Gimme a QRZ!! Don't gimme that "UR TOO WK"!!! Dig me out baby cuz I
gots sumptin ta say to ya!! EFFFFFFFFF BEEEEEEEEEE!!! EFFFFFFFFF
BEEEEEEEE!!!

NOTE TO READERS:

The above mentioned KB9BVN has been severely restrained and whupped with
the ugly end of a wet Wouff Hong. We're sure he'll regain his senses
soon. Do not be alarmed. Remember, when operating RF generating
equipment, it is best to be sure your gourd is covered in something non
conductive...and don't sit too close to the feedline.

Date: Wed, 28 Oct 1998 18:53:18 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23395] Resonant Speakers and AIR-Wound mH inductors.
Message-ID: <3637681E.4104@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang, I found a neat site (Actually quite a few lately...) that has good information on Audio loudspeaker enclosures etc. that may assist in Resonant speaker design or be applicable to the audio or even RF stages associated with radio design.

Of particular note I am sharing this URL with a very straight-forward procedure for making coils in the High-milliHenry range.

<http://dragon.emich.edu/~zirk/audio/inductors.html>

And to share that I am really serious with this, here's a sampling of some of the 'Fun' I'm having -- Some patents I'm dissecting:

4875546 loudspeaker with acoustic bp filter -- Palo Knnan, TEledyne Industries.

5025885 Multiple chamber loudspeaker system -- Thomas Froeschle, Bose.

4989187 Acoustic aparatus -- Kenji yokoyama, Yamaha Corp.

4410064 Bass Response spkr housing & tuning method -- For Klipsch.

5143169 Loudspeaker Diaphragm provided with rear load -- Mercedes-Benz AG.

5610992 Protable elec. device having a ported speaker enclosure -- Hewlett-Packard.

patent database on the web:
<http://patent.womplex.ibm.com/>

And in my spare time I'm on the air.....
Food/sleep? What's that :)

Acoustically yours,
Ed we6w

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 28 Oct 1998 13:41:08 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: <mgemm@ntechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [23396] Fox: N2T0/Re: Toughest Yet
Message-ID: <199810281849.NAA72932@pimout3-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Marshall,

Thanks for the QSO last night, I appreciate it. Finally did get a chance
to work you! I hear the FN and knew it was you and didn't want to give up
at the end.

Yes it was certainly a learning experience for me. The QSB, QRN and QRM
was at times unbearable. I have a new found respect for previous foxii and
the foxii to come!

I'll send along a message to the QRP-List shortly with more info.

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

> From: Marshall Emm <mgemm@ntechnologies.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Fox: Toughest Yet
> Date: Tuesday, October 27, 1998 9:26 PM
>
> Bagged him with five minutes to spare but am not really sure it was fun.

> Terrible conditions, with QRM, QRN, QSB and other nasty Q stuff. I
> have a headache and my ears are ringing, I can just imagine what it was
> like on Kevin's end. Had some friends over and they couldn't even hear
> a signal in the noise, then I told them what I'd copied and they thought
I
> must have imagined it, or else it was magic. Well, in some ways it is, I

> guess [g]. Good work, Kevin!
>
>
>
>
>
> You done good! Ha
>
>
> 73
> Marshall Emm
> N1FN/VK5FN
> n1fn@MorseX.com
> Morse Express
> "Everything for the Morse Enthusiast"
> <http://www.MorseX.com>
> (303)752-3382
> --

Date: Wed, 28 Oct 1998 13:45:59 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: <Macstein@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23397] Fox: N2T0
Message-ID: <199810281849.NAA61168@pimout3-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Mac,

THanks for the kind words. I was incredibly nervous, more than I've been
in quite a while. My fist was in left field for a while, and the QRM was
killing me too. I had a lot of fun, and more will be sent shortly.

THanks again. BTW you had a nice sig into NYC.

72 Kevin N2T0

Brooklyn, NYC
kfglynn@prodigy.net

> From: Macstein@aol.com
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: FOX: N2T0
> Date: Tuesday, October 27, 1998 10:23 PM
>
> In a message dated 10/27/98 8:40:12 PM EST, n1tp@worldnet.att.net writes:
>
> > Kevin, N2T0, now transmitting at 7.043 and listening by moving around
> > with RIT off-set of about .200 + or - with BIG signal into FL. He
> > nabbing hunters fast and furiously! 72/73 to all. Tom, N1TP, Naples,
> > FL.
>
> However, It was kinda hard to hear with all of the INTENTIONAL QRM. The
> solid long runs of dits, the repeated tuning tone, etc. Kevin would
slide up
> or down and so would the QRM. I think Kevin was masterful with the wait
and
> send. Thanks guy, once I figured out your offset, I just twisted the
knob a
> hair to send and back to listen. Hope Dave B. hurries with the RIT mod
for my
> Elmer rig! (Thanks Dave!) I love this stuff.
>
> Also thanks to all of the replies to my earlier post. I sent the call
once
> tonight and got him on the second try. Amazing. The other thing is some
of
> the sigs are sure LOUD for QRP. Again, amazing. Like I said, I love this
> stuff.
>
> -MAC-
> KF4KSM FL #704

Date: Wed, 28 Oct 1998 14:13:41 -0500
From: Ed Tanton <n4xy@att.net>
To: Scott Howell <whowell@hq.nasa.gov>
Cc: Ed Tanton <n4xy@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23398] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable
Message-ID: <3.0.5.32.19981028141341.00bde100@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

73

"Think you can, think you can't: either way you're right!" Henry Ford

Doug DeMaw W1FB (SK) used zip-cord as an antenna on a DXpedition years ago. He told me about it once. He just wripped open the cord, put a knot in it at the feedpoint and away he went. Had the pleasure to speak to Doug on the phone in the past, he always helped me out. (also read about this in the Ant Book and Handbook).

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

> From: dave_epps@juno.com
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Ultra-Light Antenna
> Date: Wednesday, October 28, 1998 12:12 PM
>
> I know it isn't supposed to work. Ribbon cable as feedline? (HUH)
> Used zip cord years ago. Doing crazy things like this is what happens
> when
> you don't really know a whole lot and still like to build. I build a lot
> of things
> that are supposed to work and don't and every once in a while I build
> something that isn't supposed to work and "IT DOES".
> Don't tell my HW-8 it won't work.
> dave ab5pc fresno, ca.
>
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
> or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 14:18:40 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: Davewb4@aol.com
Cc: qrp-1@lehigh.edu
Subject: [23400] Re: FIRE-BALL FRATERNITY
Message-ID: <3.0.5.32.19981028141840.0082dba0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

here is their new number 760-257-3366

they no longer manufacturer this. Said they weren't making money and thus
stopped production.

At 12:48 PM 10/28/1998 EST, you wrote:

>Hi Gang: I have seen some questions and interest in the FIRE-BALL. The fire-
>ball is a 10 meter 10mw (adjustible down) xmitter designed by k7IRK & WA6YPE
>There Company was, or still is, called Smith Enterprises. They sold them
>around 1990. As I remember they were very inexpensive. (\$10.00 rings a bell)
>In essence they are a clock oscillator on 28.060mhz with a 10 turn pot to
>adjust output and an RF relay. They were supplied with an official FIRE-BALL

>Fraternity QSL Card and your your Fire-Ball Number (Mine is FB-171) They also
>made one for 28.636 for SSB. With conditions on 10 getting better the FIRE-
>BALL would be lots of fun.The last address I have for SMITH ENTERPRISES is:
>Smith Enterprises Fire-Ball
>48788 Silver Valley Rd.
>NewBerry Springs CA 92365
>Phone: 818 963-0079
>Might be time to dust off my FIRE-BALL
>73
>Dave Rogers WB4CHK
>
>
>
>

Date: Wed, 28 Oct 1998 12:49:15 -0700
From: jaywa5whn@juno.com (Jay D Miller)
To: qrp-1@lehigh.edu
Subject: [23401] Zombies/SARA-TARA Hamfest
Message-ID: <19981028.124922.2678.0.JayWA5WHN@juno.com>

Funster Munsters,

If any weird wolves should drop by, keep the ol' Colorado "Silver Bullet" handy.

I will be scanning the Novice/Tech portions of 40 meters & occasionally listening on 6 & 10 meters {50.2 MHz USB & above, 28.305 MHz USB & above}, otherwise, I will be in the 40 meters {7.025 - 7.050 MHz} cw portion of the band with the rest of the creatures of the night.

Not quite a full moon, maybe we could get the City of Phoenix to loan us a few strange lights in the night sky. ;-)

My worth for all Hallows Eve is 666 points/contact.

Reminder, don't forget the Socorro, NM Hamfest on Nov. 7. One of the grand prizes is a 40 meter cw QRP xcvr.

<http://www.ees.nmt.edu/sara/hamfest.html>

<mailto:ac5bx@juno.com> for more information.

Ye' ol' Hallow....Jay, WA5WHN

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 14:51:04 EST
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU, nwq-1@scn.org
Subject: [23402] STATION TEST NITE
Message-ID: <c3c2b5f3.363775a8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Every Saturday evening from 0000-0100 I will be on 40M on or about 7048
available to work stations for quick exchange for STATION TESTS. It will give
you an opportunity to try various antennas/rigs/pwr levels.

No contests or pile-ups to contend with but a chance to test your stuff out
before the FOX competition that week. At this point in time the only Saturday
I may miss is the first week in Dec due to a business trip.

I will be doing this until the end of the year and if of any benifit will
continue past then.

It is my way of giving back to the group that has given so much to me.Hope to
see...er... hear you Saturday nite. I would be happy to make special
arrangements for those that can't make this time or have special needs.
The old brass pounder...Alan KB7MBI

Date: Wed, 28 Oct 1998 13:59:04 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-1@Lehigh.EDU
Subject: [23403] Re: FIRE-BALL FRATERNITY
Message-ID: <v01540b02b25d23e02c5e@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>here is their new number 760-257-3366

>

>they no longer manufacturer this. Said they weren't making money and thus
>stopped production.

>

Hmmmm....Wonder if we got a group buy together then they might do a new
production run (although the description Jim gave sounds like it would be
easy to tack one together). Perhaps they would consider allowing someone
to post the schematic and PCB artwork on their Website.

The 10mW 28.636 MHz SSB Fire-Ball intrigues me. Good way to bust a
pile-up. :-) Actually, it's hard to believe that such low power on SSB
would work, although on 10 M anything is possible on a good day. Was this
transmitter really SSB or DSB? How many additional components did they
need in addition to the oscillator? Anyone out there know?

72,
Mike N5JKY
Edmond, OK

Date: Wed, 28 Oct 1998 15:08:16 EST
From: DENNISMO@aol.com
To: qrp-1@lehigh.edu
Subject: [23404] General Privileges Without CW Testing
Message-ID: <93218d85.363779b0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hans, KOHB writes:

I said:

>> If a person is on the air using Morse, then I guess that it is
>> reasonably evident that person is demonstrating Morse knowledge,
>> even if the speed is 2 or 3 words a minute, and therefore the ITU
>> requirement is satisfied! The ultimate test of knowledge of Morse
>> is not some multiple-guess paper test, but the actual on-the-air
>> use of the skill.
>>
>> I applaud the ARRL BoD for "thinking outside the envelope"!

Ed Woodson said:

>So basically what you are saying is that simply the knowledge should
>allow the use as opposed to a testing requirement. would you also
>advocate that simply the necessary knowledge should preclude any
>other testing requirements ???

>Nope, that isn't what I said at all.

>First, the ITU requirements do not call for a formal test, but for
>demonstrated knowledge -- not just knowledge, but DEMONSTRATED
>knowledge.

>Actual on-the-air usage is a perfect demonstration of knowledge.

>73, de Hans, K0HB

>Lord High Keeper of the Codes of Morse

I guess what I'm concerned about, and it may be unfounded, is who will be the one to determine whether the Op has indeed demonstrated "knowledge" in his/her ability to us CW on-the-air? What if they demonstrate that they DO NOT have the "knowledge" required to communicate in CW? I suppose we can just ignore them and move on as we would any other source of QRM. So, my point is that the ARRL seems to be willing to increase the QRM in the General portions of the bands. Yes, I know that some, maybe most, of those new to CW will be responsible enough to try to learn the code before getting on the air. What about those that won't? Who will be responsible for cleaning the mess up?

I haven't been a ham very long but I have yet to hear a CW op that was sending so bad that I wasn't willing to answer his CQ. I think if the ARRL's proposal is adopted, that will change, not just for me, but for a lot of us!

My opinion and a buck will buy you a cup of coffee, but no one will probably want to sit and have a cup with you. (:8^>).

72 es God Bless de Denny AD6EZ<><

Date: Wed, 28 Oct 1998 14:07:21 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23405] Re: Zip-Cord antenna/Ultra-Light Antenna
Message-ID: <00ca01be02af\$0620d560\$a10a5e2c@groucho>

Some years ago when the zip cord antenna first was published someone, perhaps ARRL HQ, did a study and found them to be quite lossy due to the insulation. I would not make that same assumption today. Many different and more modern plastics are used for the insulation today and most of the coloring agents no longer contain metals. Although during the recent discussion about PVC, we discovered that the soft PVC as used in wire insulation is lossier than the hard PVC, it might be acceptable for portable antennas. Speaker wire may be a good candidate as it is clear and probably as free of additives as you can get. Unless of course there is an additive to make it clear? ;-)

Anyway, this would be an interesting investigation. Can you imagine what it would mean to this group to find that a very obtainable brand of zip cord wire makes fine antennas and balanced line? I wonder, how would one go about measuring the characteristics of various brands of zip type wire including the loss?

Ideas anyone?

73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Wed, 28 Oct 1998 12:26:15 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Shephed@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23406] Re: FOX: Novice/Tech+ Foxii MIA?
Message-ID: <Pine.LNX.3.96.981028122551.31174C-100000@amethyst.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 27 Oct 1998 Shephed@aol.com wrote:

> I agree.
> This time last year I was the N/T+ Fox, nervous as all heck and wound up
> tight.
> One year later I'm still nervous but an Extra. hihi.

Who do I contact on this again? I was told once, but forgot who the individual was.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Wed, 28 Oct 1998 15:24:32 EST
From: Robspark@aol.com
To: qrp-l@lehigh.edu, KJ5TF@madisoncounty.net
Subject: [23407] AR-QRP 40 m Net Wednesday Night
Message-ID: <70f0fe8b.36377d80@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0130Z at 7.052 mhz. Bob, AB5ZD is NCS and will be calling QST AR QRP NET de AB5ZD PSE QNI. At that time, please send your full call, and when I hear you, I will return your call and AS (stand by) while more call in. When I have the list, I will start at the top and go down the list for reports and comments. If you are trying a new rig or antenna, tell us about it! This is lots of fun, and you don't need to be a member to check in.

72,

Bob AB5ZD

Date: Wed, 28 Oct 1998 15:42:26
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu

Subject: [23408] Potential new projects

Message-ID: <3.0.3.16.19981028154226.2b9f0ec6@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Conrad Wiess asked me if I could make a keyboard keyer, and I said yes, seeing I had already figured out how to read an AT keyboard and all that, some time ago.. So, last night I sat down and strung some old routines together and made a keyboard keyer out of the LED Keyer prototype.

Personally, I'm not all that interested in a keyboard keyer, I'd rather bang it out with a straight key or paddle, but if there were enough interest, I'd produce one as a kit.

At the moment, I have a fully functional unit. Makes code when you type, displays the code speed on the two digit LED display, F11 and F12 toggles the speed up and down. Next step is to expand the code speed to some unreasonable speed of at least 50 wpm or higher and to add an eeprom for messages. I figure on 10, 80 or 90 character memories. Which incidently is the size of the type ahead buffer.

Any other features you'd like? Serial number generator maybe?

Physically, the board will be designed to fit in the cavity at the top of a typical keyboard. Just cut a hole for the LED displays to poke through. Therefore, the board will be long and skinny. That should be fun to layout!

Price for a complete board kit would be about \$30.00.

So, any interest in a keyboard keyer like this?

Second project I'm thinking of is a transmitter project. Keith Johnson got me thinking about this one, when he asked if just making a transmitter to go along with his receiver would be a good idea. I have this nice old Drake 2B sitting here doing nothing, cuz I no longer have a stand alone transmitter to use with it. Hence this potential project.

I figure on making this a four band jobbie, using a 5 Mhz VFO and a PLL controlled heterodyne osc. The PLL would be a MC14151, which can use diodes to select the /N ratio. Ideally, you will be able to select which four bands to build it for, 80-10M. Low pass filters would be relay selected, so a simple, common rotary switch can be used for band selection. Output power will be adjustable, at least 5W on the higher bands, more on the lower ones. Built in QSK switching. Mute line for the Rx.

I have no idea what a kit like this would cost at the moment. \$75-100

maybe. Maybe less, depends on interest. What do you think, do I build a one-of-a-kind for myself, or make it reproducible? At the very least, we'll see if anyone will the publish the design.

Thanks for your input,
72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 28 Oct 1998 14:01:05 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: "Kevin F. Glynn" <kfglynn@prodigy.net>, qrp-1@lehigh.edu
Subject: [23409] Re: Fox: N2T0/Re: Toughest Yet
Message-ID: <199810282059.NAA30037@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi, Kevin--

>>I hear the FN and knew it was you and didn't want to give
up at the end.<<

Real glad you made the effort, but we evidently had a bit of
help-- Bruce (VE5RC) wrote to say he heard me calling and
"I started up the Mental Telepathy Cheering Squad from here
in hopes that this would help you get through..." That's about
all I can attribute my success to!

I hope he'll start up the squad indiscriminately when it's my
turn [g].

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382

--

Date: Wed, 28 Oct 1998 14:00:48 -0700
From: Niel Skousen <skousen@srv.net>
To: applitech@mcg.net, qrp-1@lehigh.edu
Subject: [23410] Re: Zip-Cord antenna/Ultra-Light Antenna
Message-ID: <199810282100.0AA23031@srv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have access to some test equipt (as do many others...) including spect.analyzers/Trak gen, tdr.... Thus the Zo, and loss could be measured.

IF folks wanted, I can make some measurements of Zo & IL. I'll pick up a couple of pieces of std (RS) speaker cable and zip cord to check. If anyone has any special wire they want to send I'll check it too... but I should probably have 10-15ft min to test at 7Mhz...

Boy, I can't believe my fingers are getting me into trouble before I even got the Osc.books sent... *8-)

Niel

At 02:07 PM 10/28/98 -0600, you wrote:

>Some years ago when the zip cord antenna first was published someone,
>perhaps ARRL HQ, did a study and found them to be quite lossy due to the
>insulation. I would not make that same assumption today. Many different
>and more modern plastics are used for the insulation today and most of the
>coloring agents no longer contain metals. Although during the recent
>discussion about PVC, we discovered that the soft PVC as used in wire
>insulation is lossier the hard PVC, it might be acceptable for portable
>antennas. Speaker wire may be a good candidate as it is clear and probably
>as free of additives as you can get. Unless of course there is an additive
>to make it clear? ;-)

>

>Anyway, this would be an interesting investigation. Can you imagine what
>it would mean to this group to find that a very obtainable brand of zip
>cord wire makes fine antennas and balanced line? I wonder, how would one
>go about measuring the characteristics of various brands of zip type wire
>including the loss?

>

>Ideas anyone?

>-----

>73 de KA0GKC Claton Cadmus

>cla@mcg.net

>MNQRP #1

>Minnesota QRP'ers we're looking for you!
>Email me or visit this page <http://www.qsl.net/mnqrp>
>

Date: Wed, 28 Oct 1998 15:59:44 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: <prvalko@oakland.edu>
Subject: [23411] FOX: N2TO Log 28-OCT-98 0100-0300 UTC
Message-ID: <199810282101.QAA40184@pimout3-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

Below is the log from last night's Foxhunt (should print correctly with non-proportional font). I followed Rule #1, had a lot of fun and have a new found respect for the Foxii and Hounds alike.

I'd like to thank everyone for their patience during my first shot as Fox. I was incredibly nervous, a lot more than usual, and I think my fist showed it! I tried for 7.038, but had to switch to 7.043 early on due to last minute QRM. Had to QSY a few more times due to heavy QRM. Copy was tough at times, and signals kept coming up out of the noise all night long. Seems like the pipeline was open to the midwest and FL, too.

Thanks again to Paul W8KC, Sam Ulbing N4UAU for designing the SCAF that OHR kitted and all you Hounds.

N2TO FOX LOG 28-OCT-98 0100-0300 UTC

QSO NO.	FREQ	TIME	HOUND CALL	HOUND RST	FOX RST	HOUND QTH	HOUND NAME	HOUND NR
1	7.043	01:04	N4ROA	579	559	VA	Dan	970
2	7.043	01:05	AA0ZZ	559	559	MN	Craig	1238
3	7.043	01:06	N9DD	559	559	IN	Tom	32
4	7.043	01:08	N0UR	559	579	MN	Jim	799
5	7.043	01:09	W8KC	559	559	MI	Paul	59
6	7.043	01:10	KF4AR	559	579	NC	Rick	402
7	7.043	01:14	W0CH	559	559	MO	Dave	618
8	7.043	01:15	KA8OKH	559	559	KY	Rich	933
9	7.043	01:17	W4VCA	559	559	KY	Pete	1721
10	7.043	01:20	K8IQY	559	559	MI	Jim	181
11	7.043	01:21	N1TP	559	559	FL	Tom	1317

12	7.043	01:23	K5ZTY	559	339	TX	Bill	473
13	7.043	01:27	K8CV	559	559	MI	Walt	935
14	7.043	01:28	WD8KQY	569	559	OH	Gary	446
15	7.043	01:31	N8VAR	559	559	OH	Ron	263
16	7.043	01:32	KB0PTE	549	559	MO	Wayne	1058
17	7.043	01:35	WB9HFK	559	559	IL	Mark	1159
18	7.043	01:36	W5JAY	559	559	AR	Jay	1201
19	7.043	01:39	W3NR	569	559	GA	Ed	1307
20	7.043	01:45	NZ8J	569	559	OH	Tim	678
21	7.043	01:47	K4JPN	569	579	GA	Steve	1828
22	7.043	01:52	VE5RC	549	559	SK	Bruce	886
23	7.043	01:56	N8VZU	559	559	OH	Dan	1404
24	7.043	01:59	NU4N	549	559	KY	Dave	1806
25	7.043	02:02	W8RU	599	599	MI	Ron	188
26	7.041	02:04	WB8RCR	559	529	MI	John	1446
27	7.041	02:06	K0EVZ	599	579	MN	Doc	861
28	7.041	02:07	VE3JC	569	559	ON	John	844
29	7.041	02:09	WS4S	559	539	TN	Conard	991
30	7.041	02:12	N5TW	559	559	TX	Tom	1474
31	7.041	02:13	AF5Z	559	579	TX	Bob	884
32	7.041	02:15	AK7Y	559	559	AZ	Greg	1693
33	7.041	02:16	W5SB	559	339	TX	Bill	1279
34	7.041	02:19	KA5BMK	559	569	FL	Jim	5W
35	7.045	02:23	AB5UA	549	339	OK	Clif	477
36	7.035	02:30	AB8DF	569	559	MI	Ed	1444
37	7.041.5	02:35	N8KW	579	579	IL	John	1257
38	7.041.5	02:37	KU7Y	539	559	NV	Ron	17
39	7.041.5	02:40	WS8D	589	579	MI	Mich	1188
40	7.041.5	02:44	N4KZ	579	579	KY	Dave	1709
41	7.041.5	02:45	K5ZTY	559	579	TX	Bill	473
42	7.041.5	02:52	KF4KSM	569	559	FL	Mac	704
43	7.041.5	02:55	N1FN	339	559	CO	Marshall	151
44	7.041.5	02:58	NQ7X	439	559	AZ	Floyd	323
							TOTAL PTS	44

72 Kevin N2TO
 Brooklyn, NYC
 kfglynn@prodigy.net

Date: Wed, 28 Oct 1998 13:11:41 -0600
 From: sholisky@ktca.org (Scott Holisky)
 To: qrp-l@lehigh.edu
 Subject: [23412] FOX: Who nabbed who
 Message-ID: <fc.000f548a0039f377000f548a0039f377.39f435@ktca.org>
 MIME-Version: 1.0
 Content-type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gotta tell you Kevin don't know how you knew what frequency I was tuned to when you started the hunt. I'm sure you (all) would of had a good belly laugh watching me stumble over coffee cup and log as I reached for the keyer. Door open, kids with TV a blarin' and me leaning over the speaker...ikes!

Appreciate it though, nice to get a couple of extra hours :) .

Regards - Scott N0AR

Date: Wed, 28 Oct 98 15:26:45 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [23413] OHR 500 Review Pre-announcement
Message-ID: <199810282124.QAA17784@nss4.cc.Lehigh.EDU>

Gang,

I know a few of you are holding your breath until I can get the review written, but time line is critical right now with two articles in the works for NCJ and QRPp as requested by two different individuals, so they are at the top of the list this week and the time crunch.

So, I'll attempt by Tuesday of next week to do the usual K5FO (tm) QRP-L Review Form.

But in the meantime the rig is a keeper for me. Power adjustment on the front panel will really be a plus for some for adjustment from 0mW to over 5W on 40 and 80M and over 2.5W on 15M. The exact figures to follow in the review. Rig covers over 140KHz on 80, 40, 30, 20, and 15 meters. Will receive WWV, a plus to check on solar flux, etc.

Not a revised OHR400 but a new and improved rig. Nice quiet sensitive receiver.

See <http://www.ohr.com/> web page for ordering info and more detailed specs.

I paid full retail price as usual. I work for OHR for free. :-) I pay Dick money, he sends kit, and then I go to work. ;-)

Such a deal.

So thanks for the patience and the wait. I know information takes time and even at high typing speeds I still have to think and for a native Texan we are talking slow..... :-)

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Wed, 28 Oct 1998 13:32:31 -0700 (PDT)
From: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
To: Claton Cadmus <applitech@mcg.net>
Cc: CLOFGREN@BENSON.MCKENNA.EDU, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23414] Re: Zip-Cord antenna/Ultra-Light Antenna
Message-ID: <Pine.PMDF.3.95.981028132025.328I-1000000@BENSON.MCKENNA.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Oct 1998, Claton Cadmus wrote:

> Although during the recent
> discussion about PVC, we discovered that the soft PVC as used in wire
> insulation is lossier the hard PVC, it might be acceptable for portable
> antennas. Speaker wire may be a good candidate as it is clear and probably
> as free of additives as you can get. Unless of course there is an additive
> to make it clear? ;-)
>
> Anyway, this would be an interesting investigation.

Recently, out of curiosity, I tested Radio Shack's clear speaker cable, #18 gauge wire.

The surge impedance (Z_0) was approximately 120 ohms. Loss per hundred feet was about 2 dB at 10 MHz; 4 dB at 30 MHz. And that's loss in a matched condition (120 ohm resistive load).

Doesn't seem a good choice for feedline. And I'd guess that lighter-weight speaker cable (smaller wire) would be still lossier.

Charlie, w6jjz
clofgren@mckenna.edu

Date: Wed, 28 Oct 1998 16:45:47 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [23415] antennas again
Message-ID: <3.0.5.32.19981028164547.007ec6e0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hello all, had a question once again on antennas. someone told me about the bt5 I think it is. Does it require a large groundplain system. I need something I can hide in a flag pole configuration that doesn't need a lot of radials cause my yard is limited. This I think will work best and I can get away with. I may have something here and believe it or not two members of the board are already throwing support behind this as long as it is reasonable.
I also, am exploring the idea of putting my full-size g5rv up, but have to investigate this further.
tnx to all. I got some idea on vertical wires, but not sure if these need a groundplain and also how long would it need to be in order to work on 80m. I suspect the 66ft figure might be correct, but well thought to ask.
You guys always have the answers. tnx agn.

73 de Scott/n3byy
Laurel MD
Fists #5030

Date: Wed, 28 Oct 1998 14:15:58 -0800
From: "Radman" <radman@best.com>
To: <kfglynn@prodigy.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23416] Re: N2TO Log 28-OCT-98 0100-0300 UTC
Message-ID: <199810282212.0AA22802@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Kevin,

Very nice job! :-)) Question: to your knowledge, were you able to work *anyone* in the state of California? I have this theory that we were surrounded by a huge ball of magnetic flux -- caused by Ed Loranger's "Santa Rosa Experiments," involving magnetic/acoustical patent phenomena ;) Seriously, it was just brutal on this end.... XTAL filters+DSP+SCAF+phones... still very tuff sledding.

Total = 44 says a lot for your operating skills :-)) :-))

vry 72, Conrad -- NN6CW

Hi gang,

Below is the log from last night's Foxhunt (should print correctly with non-proportional font). I followed Rule #1, had a lot of fun and have a new found respect for the Foxii and Hounds alike.

TOTAL PTS 44

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Wed, 28 Oct 1998 17:19:27 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23417] Argo 509 + OHR Display
Message-ID: <013601be02c1\$0717da60\$c1785acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone used the OHR digital display with an Argo 509?
Thanks
Tim

Date: Wed, 28 Oct 1998 22:35:30 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: qrp-1@lehigh.edu, gqrp-1@blacksheep.org
Subject: [23418] FAQ2
Message-ID: <E0zYeAj-0003Ma-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

FAQ2 is now on my web site ('which band...')
<http://homeusers.prestel.co.uk/g3ycc/faq2.html>

(if you really do enjoy my site, why not send an email to
siteofthemonth@prestel.net voting for the November top site from my
ISP?)

Thanks

Date: Wed, 28 Oct 1998 16:50:02 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: clofgren@BENSON.MCKENNA.EDU, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23419] Re: Zip-Cord antenna/Ultra-Light Antenna
Message-ID: <3.0.1.32.19981028165002.00699b00@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

About a year ago I did some measurements similar to Charlie's. I was most interested in 14MHz as I wanted to use it with my NW20.

With the RS 18ga clear speaker wire at 14MHz, I measured 3dB loss per 100 ft. The impedance calculated at 128 ohms and the capacitance per foot was about 15 pF. This compares to RG-174 at 4dB per 100 ft at 14MHz. I used the same cord to wind quadrifilar winding on a toroid with good results too. Low SWR and good efficiency from 80 through 6 meters into a dummy load.

There is an article in The ARRL Antenna Book, 14th Edition(1983), Chapter 13-10 the discusses the Zip-Cord Antenna (probably other places too). They tested a particular 100 ft roll having brown insulation with an RF impedance bridge. The determined the impedance to be 105 ohms and the velocity factor to be 69.5 percent. An in-depth discussion is included in the entire article.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Wed, 28 Oct 1998 17:52:29 EST
From: FrConrad@aol.com
To: qrp-l@Lehigh.EDU
Subject: [23420] What Makes it "Iambic"
Message-ID: <8b6a19fe.3637a02d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

To all...

In response to the continued thread about what makes a key or keyer "Iambic", I submit the following:

The word "Iambic" refers to the iambic foot in poetry. An iamb being the combination of one soft and one hard syllable--or by an egregious extension of the term, one dot and one dash in Morse code.

Consider this bit of doggerel set in the iambic mode:

The list has been a little droll,
With long threads unrelenting.
There are, it seems, persistent few,
Verbose and unrepenting.

You get the idea.

An "Iambic" device is one, mechanical or electrical (or linguistic), that can produce BY ANY MEANS, an alternating string of dots and dashes--the intelligence of the transmission of course being dependent upon the wonderful silences the fall in between.

Ah, I love the smell of charcoal being lit. Bring on the incense.

John+

Date: Wed, 28 Oct 1998 18:16:04 EST
From: DYARNES@aol.com
To: FrConrad@aol.com, qrp-l@lehigh.edu
Subject: [23421] Re: What Makes it "Iambic"

Message-ID: <dada80b9.3637a5b4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 10/28/98 3:58:26 PM US Mountain Standard Time,
FrConrad@aol.com writes:

<< Consider this bit of doggerel set in the iambic mode:

The list has been a little droll,
With long threads unrelenting.
There are, it seems, persistent few,
Verbose and unrepenting.

You get the idea. >>

or this lesser known piece (but a masterpiece nonetheless) by that famous poet,
"Anonymous"--

A peanut sat on the railroad track
his heart was all a flutter
around the bend came #10
toot! toot!---peanut butter!

72 de Dave W7AQK

Date: Wed, 28 Oct 1998 18:23:30 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [23422] FS: Sierra / St. Louis Tuner
Message-ID: <018201be02c9\$f9d7bce0\$c1785acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Reluctantly I am going to sell my Sierra and St. Louis Tuner. The Sierra is mint with the KC-2 installed in the factory replacement front panel. I have modules built for 80/40/30/20/17/15/10 meters. 80-20 have the specified 1.5 - 2.0 watts out (80/40 = 2.25w) (30/20=1.75W) 17/15/10 meter modules need some tweaking, they put out about 500-900 mw. I have all documentation and several pages of "Sierra" information from the QRP-L list. \$400 shipped in the conus

The St. Louis Tuner is the original in a small case than the Norcal version. It is very well built and nicely labeled. It is painted to match the Sierra. All documentaion for it also. \$60 Shipped in the conus (Sierra must sell first)

Will sell as a package for \$430 shipped in the conus
would consider a 30m qrp rig and/or OHR digital display as part trade...

Thanks

Tim

NZ8J

Date: Wed, 28 Oct 1998 16:33:46 -0800
From: W7LS <w7ls@blarg.net>
To: clofgren@BENSON.MCKENNA.EDU
Cc: qrp-1@lehigh.edu
Subject: [23423] Re: Zip-Cord antenna/Ultra-Light Antenna
Message-ID: <3637B7EA.6CE0@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Au-Contraire (at least I think). 2 dB for 100 feet? I don't consider that bad, even at 10 MHz, if you assume that the feedline in a field portable operation is only 10 feet long or so and the freq is 7 or even 3.5 MHz. Sounds pretty good to me, actually.

73 de Jim, W7LS

Charlie Lofgren wrote:

>
> On Wed, 28 Oct 1998, Claton Cadmus wrote:
>
> > Although during the recent
> > discussion about PVC, we discovered that the soft PVC as used in wire
> > insulation is lossier the hard PVC, it might be acceptable for portable
> > antennas. Speaker wire may be a good candidate as it is clear and probably
> > as free of additives as you can get. Unless of course there is an additive
> > to make it clear? ;-)
> >
> > Anyway, this would be an interesting investigation.
>
> Recently, out of curiosity, I tested Radio Shack's clear speaker
> cable, #18 gauge wire.
>

> The surge impedance (Z_0) was approximately 120 ohms. Loss per hundred
> feet was about 2 dB at 10 MHz; 4 dB at 30 MHz. And that's loss in a
> matched condition (120 ohm resistive load).
>
> Doesn't seem a good choice for feedline. And I'd guess that
> lighter-weight speaker cable (smaller wire) would be still lossier.
>
> Charlie, w6jjz
> clofgren@mckenna.edu

End of QRP-L Digest 1258
